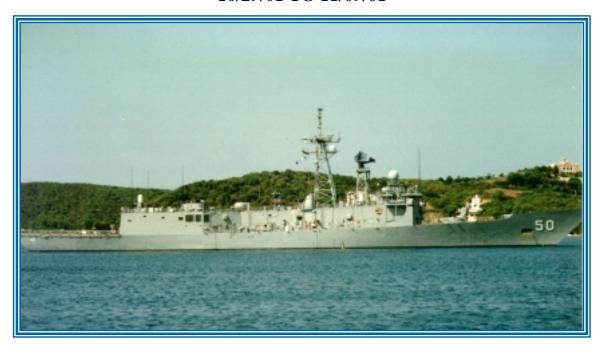
USS TAYLOR (FFG-50)

SEMAT II SHELL CONDITION ASSESSMENT SURVEY

INTERIOR AREAS

10/29/01 TO 11/09/01



PREPARED BY
SUPERVISOR OF SHIPBUILDING CONVERSION
AND
REPAIR
PORTSMOUTH, VIRGINIA
11/10/01



4646 WITCHDUCK ROAD VIRGINIA BEACH, VIRGINIA. 23455-6215 PHONE: 757-490-5000 FAX: 757-490-5027

> 9 November 2001 Serial# 1697AY – 118

Q.E.D. Systems, Inc. was tasked by the Supervisor of Shipbuilding Conversion and Repair, USN (SPORT) Portsmouth, VA to conduct an Ultrasonic Thickness (U/T) Survey of specific locations on board USS TAYLOR (FFG-50) during the period of 31 October 2001 – 8 November 2001.

The survey was conducted by Francis J. (Joe) LaRock II, Certified Level 1 on 9 March 2001.

The instrument used was a Krautkramer Branson, Model DMS-2.

Serial Number: 00N3V8

Calibration Date: 22 February 2001

Probes Used: TC 560

FH 2 E KBA 525

I have reviewed the results of the survey and approved of the findings. The discrepancies have been recorded on MAF's and are included in this report.

Francis J. LaRock Certified Level I 9 March 2001

USS TAYLOR (FFG-50)

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<u>USS TAYLOR (FFG-50)</u> SHELL CONDITION ASSESSMENT SURVEY, INTERIOR AREAS.

A SEMAT II UNDERWATER HULL AND SUPPORTING STRUCTURE SURVEY OF INTERIOR AREAS WAS CONDUCTED ON BOARD **USS TAYLOR** (**FFG-50**) FROM 10/31/01 TO 11/07/01 AT MAYPORT NAVAL STATION, JACKSONVILLE FLORIDA.

THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH HULL STRUCTURE MRC 1102 USING A DELMHORST BD 2100 MOISTURE METER AND A KRAUTKRAMER BRANSON MODEL DM2TC ULTRASONIC TEST INSTRUMENT SERIAL NO.00NV8 CALIBRATION DUE DATE 02/22/02.THE PROBES USED WERE KRAUTKRAMER BRANSON'S TC/560, FH2E AND KBA 525.

THE MOST CRITICAL AREAS NOTED WERE THE HOLE IN WEB FRAME (316) AND THE THINNING MARGIN PLATE IN AMR 3, THE HOLE IN WEB FRAME (160) WHICH SEPARATES THE LAUNDRY AND THE CHT ROOM, THE CORROSION IN THE FORWARD EDUCTOR ROOM AND MINOR THINNING OF THE TANK TOP / DECK IN THE A/C MACHINERY ROOM.

HISTORIC AREAS OF CORROSION ON (**FFG-7**) CLASS SHIPS WERE INSPECTED AND NOTED. THE OVERALL CONDITION OF **USS TAYLOR'S** HULL STRUCTURE IS BETTER THAN AVERAGE FOR (FFG-7) CLASS SHIPS. REMOVAL OF LAGGING IN SONAR COOLING AND AMR 2 UNDER THE HPAC WILL REDUCE CORROSION SIGNIFICANTLY. THE SURVEY RESULTS PROVIDE ADDITIONAL INFORMATION.

FFG-50 STRUCTURAL INSPECTION RESULTS

UNSATISFACTORY AREAS.

LOCATION	AREA	RESULTS
5-368-01-E STEERING	BILGE AREA, STARBOARD EDUCTOR	APPROX 20 SF OF CORROSION AND
GEAR ROOM		SCALING ON SHELL PLATE AND
		STRINGERS THINNING
5-292-0-E AMR 3		APPROX 8 SF OF MARGIN PLATE IS
	(324)UP TO STRINGER (12)	THINNING BELOW THE 25% WASTAGE
		CRITERIA. APPROX 60 SF FROM MARGIN
		PLATE TO STRINGER (12) HAS HEAVY
5 202 0 E AMB 2	CENTER LINE, TRANSVERSE WEB FRAME	CORROSION AND PAINT SEPARATION. TRANSVERSE WEB FRAME IS HOLED
5-292-0-E AMR 3	316	ABOVE THE SHAFT. APPROX 16 LF OF
	310	ANGLE STIFFNERS IS DETERIORATED ON
		FWD SIDE OF TRANSVERSE WEB FRAME.
5 250 0 E MED	PORT SIDE, FR (264-270), AT	APPROX 80 SF OF SURFACE RUST AND
3-230-0-E WEK	TRANSVERSE WELD SEAM FROM MARGIN	HEAVY PAINT SEPARATION.
	PLATE TO STRINGER (13)	
5-212-0-E AMR 2		APPROX 20 SF OF CORROSION AND
	TRUNK TO U/L GRATING	PAINT SEPERATION. RECOMMEND NOT
		REPLACING LAGGING.
5-180-0-E AMR 1	PORT SIDE, UNDER REEFER COMPRESSER	APPROX 200 SF OF CORROSION AND
	NO. 2, UNDER HALON BOTTLE STATION	PAINT SCALING.
	AND INBOARD OF BALLAST BLOCKS, AFT	
	OF WF (196).	
5-51-0-Q FWD	PORT AND STBD SIDE BILGE AREA.	APPROX 8 LF OF VERTICAL STIFFNER,
EDUCTOR ROOM		APPROX 1 LF OF FLANGE IS
		DETERIORATED AND ENTIRE BILGE AREA
		IS FILLED WITH WATER AND CORROSION.
4-172-1-E FIRE PUMP	BILGE POCKET AREA, BHD (172-180)	APPROX 35 SF OF SURFACE RUST AND
ROOM	BILGE FOCKET AREA, BILD (1/2-100)	PAINT SEPARATION.
4-160-0-Q CHT ROOM	PORT SIDE, BILGE POCKET AREA FROM	APPROX 45 SF OF SURFACE RUST AND
4-160-0-Q CH1 ROOM	BHD (164-180)	PAINT SEPERATION.
4-140-0-Q LAUNDRY	PORT SIDE, WEB FRAME (160)WHERE IT	APPROX 1 SF OF WEB FRAME (164) IS
7-140-0-Q LAUNDK1	MEETS THE SHELL AND MARGIN PLATE,	HOLED. APPROX 80 SF OF BILGE AREA
	ENTIRE BILGE POCKET AREA	HAS RUST AND PAINT SEPARATION.
4-100-0-E APU	STBD SIDE BILGE POCKET	APPROX 20 SF OF BILGE POCKET FULL
MACHINERY ROOM		OF WATER, LIGHT CORROSION AND
		POWER CABLES ARE SUBMURGED.
4-48-1-Q SONAR		APPROX 48 SF OF SATURATED LAGGING.
COOLING ROOM		BHD 56 HAS LIGHT CORROSION.
3-84-0-E A/C	PORT SIDE, TANK TOP / DECK	APPROX 40 SF OF CORROSION AND
MACHINERY ROOM		LIGHT THINNING.
	I .	I .

USS TAYLOR (FFG-50)

SATISFACTORY AREAS

LOCATION	SPACE DESIGNATION	MCA SUBMITTED
3-32-1-K	FLAMMABLE STORAGE LOCKER	YES
3-36-2-T	ESCAPE TRUNK	YES
3-40-2-A	CPO STOREROOM	YES
3-46-1-A	SPECIAL CLOTHING STOREROOM	YES
3-48-2-A	MEDICAL STOREROOM NO.1	YES
3-53-2-A	SMALL STORES	YES
3-56-1-A	DECK GEAR STOREROOM	YES
3-93-1-Q	400 HZ ENCLOSURE	YES
3-100-0-L	CREW BERTHING	YES
3-100-1-L	CREW LOUNGE	YES
3-113-1-L	SHOWER WR/WC	YES
3-140-3-Q	CLEANING GEAR LOCKER	YES
3-144-0-L	CREW BERTHING	YES
3-144-2-L	OFFICER/CPO BERTHING	YES
3-154-1-Q	PIPING SPACE	YES
3-156-2-Q	PIPING SPACE	YES
3-180-2-C	SWITCH GEAR ROOM	YES
3-180-5-A	DRY PROVISIONS STOREROOM	YES
3-196-2-A	SHIPS STORES STOREROOM	YES
3-328-0-A	SUPPLY STOREROOM	YES
4-32-0-Q	SONAR EQUIPMENT ROOM	YES
4-48-2-L	PASSAGE WAY	YES
4-56-0-M	SMALL ARMS MAGAZINE	YES
4-56-2-A	STOREROOM	YES
4-151-3-A	CLEANING GEAR LOCKER	YES
4-152-1-A	STOREROOM	YES
4-152-3-A	CHEMICAL DEFENSE EQUIPMENT STOREROOM	I YES
5-376-1-A	STOREROOM	YES
5-390-1-A	DECK GEAR STOREROOM	YES

FFG-50 STRUCTURAL INSPECTION RESULTS UNASSESSABLE AREAS.

LOCATION	I AREA	RI	ESUL:	ГS
3-20-0-Q	CHAIN LOCKER	UNASSESSABLE/REQUIRES	GAS	FREE
3-64-2-V	VOID	UNASSESSABLE/REQUIRES	GAS	FREE
3-64-1-V	VOID	UNASSESSABLE/REQUIRES	GAS	FREE
3-236-1-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
3-236-2-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
3-240-1-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
3-240-2-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
3-272-1-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
3-272-2-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
3-278-1-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
3-278-2-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
3-286-1-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
3-286-2-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
3-292-8-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
3-316-1-J	JP5 FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
3-322-1-J	JP5 FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
4-H-0-V	VOID	UNASSESSABLE/REQUIRES	GAS	FREE
4-27-0-V	VOID	UNASSESSABLE/REQUIRES	GAS	FREE
5-FF-0-V	VOID	UNASSESSABLE/REQUIRES	GAS	FREE
5-32-0-W	SALT WATER TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-56-0-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-64-0-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-84-1-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-84-2-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-100-3-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-100-4-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-116-1-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-116-2-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5½-116-0-V	VOID	UNASSESSABLE/REQUIRES	GAS	FREE
5-132-0-F	CONTAMINATED OIL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-137-1-T	UNDERWATER LOG TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-140-1-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-140-2-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-164-0-F	CONTAMINATED OIL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-164-1-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE
5-164-2-F	FUEL TANK	UNASSESSABLE/REQUIRES	GAS	FREE

ITEM NUMBER										SHIP	USS TAYLOR (I	FG-50)	
SYSTEM SUPPORTU	NC CTE	ILICTUDE	110	ESWBS 11011		EIC	100		APL			RIN	
SHELL & SUPPORTI	NG SIR	OCTURE	110	11011 IDENT/SERIAL		A	100	LOCATION	ı		SYSTEMS RK CENTER	JSN	N/L
HULL STRUCTURE 1	102XY				N/A				368-01-E		EMO4	A-168	
EQUIPMENT STATUS			PROBLE	M STATUS						CATEGORY		<u> </u>	EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACT 3. TNA - TEST NOT ATTE 4. TNC - TEST NOT COMP 5. NOB - EQUIPMENT NOT	MPTED PLETED	D.	3	I. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH AS 4.S - SHIP'S FORCE UNCORRECTED PROBLEM									.9
TYPEAVAILABILITY	WI	HEN TO BE COMPLISHED		STATUS	113	CAUSE					DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	MA 2. PRIOR TO NEXT UNDERWAY 3. PIROR TO NEXT DEPLOYMENT 4. NOT APPLICABLE 4. DURING POST DEPLOYMENT AVAILABILITY 2. NON-OPERATION 3. REDUCED CAPAB 4. NOT APPLICABLE					4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN					 NO FORMAL TRAINING ON THIS EQUIPM FORMAL TRAINING INADEQUATE IN THIS 		
MAN HRS EXPENDED 2		MAN HRS F		NG 100	COMPI	LETED ACTION	N TAKE	N		S/F	MANHOURS	PRI	ORTY
	DESCR	PIPMENT/SYSTEM PIPTION POXIMA	STEM/SP	SEMAT II UND	2. MAII 3. MAII 4. CAN 5. MAII 6. NON	NTENANCE ACTI CELLED - DEFER NTENANCE ACTI IE OF THE ABOV NTER HUL	ION COI ION COI RRAL WI ION COI /E, DESC L AS	MPLETED: REG MPLETED: NO ILL BE REMOV MPLETED: 3-N CRIBE IN REM SESSME	OUIRED PAR PARTS REQ JED FROM CS I CAPABILIT IARKS/DESCE ENT: ST	TS NOT DRAWN UIRED SMP Y UTILIZED RIPTION SECTION BD SIDE,		2. E 3. H 4. D	
RECOMMENDED RECOMMEND SH			CLEAN	AREA TO BAR	E MET	AL, PRES	SERV	E AND I	PAINT /	APPROXIN	MATELY 20 SF		
202027 2024 2	00.0			757) 007 4004	EVT 0	10/ TD		0. BUIOU					
SSPORT C221 P	OC: B	. WILLIA	AMS (/57) 396-4001	EXI 2	2186, IP	OC:	C. BUCK					
CSMP SUMMARY LIGHT CORRO	OSIO		D ED	UCTOR							TEST# MRC 1102/1 STEP#		
H1	DACT.										1,2,3,4 & 5		
SYSTEM LEVEL IM	raci:												
PART NO.				NOMEMCLA	TURE			C	ΣΤΥ	NSN			COST
1													
2													
3													
4													
5													
FIRST CONTACT		RA1	ΓE	SECON	ID CON	NTACT		F	RATE		HONE		
McNEIL		HTC		AMADO					ITC				
ASSESSOR / ACT / J. LaROCK/ T. II			ED SY	STEMS INC.			TD	T	L	LOGI	STICIAN		TSP

USS TAYLOR (FFG-50) STEERING GEAR ROOM (5-368-01-E) STBD SIDE

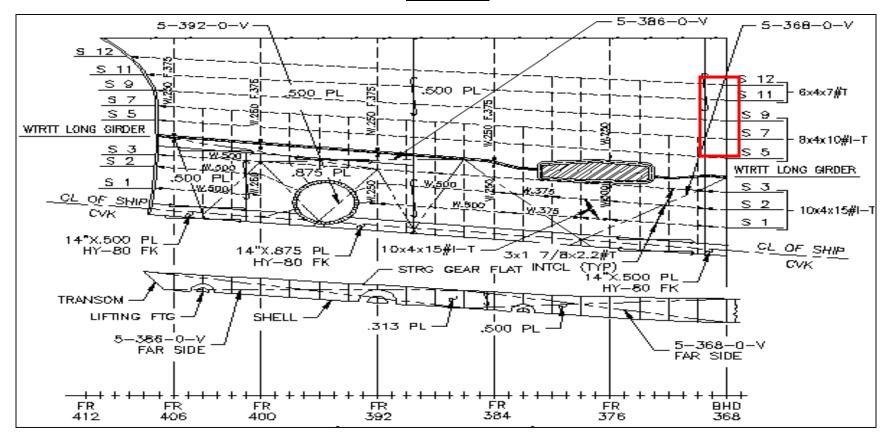


STARBOARD SIDE EDUCTOR SPACE, IN AFTER STEERING



RUST AND SCALING AT TRANSVERSE WELD SEAM APPROX 2 FT AFT OF BHD (368)

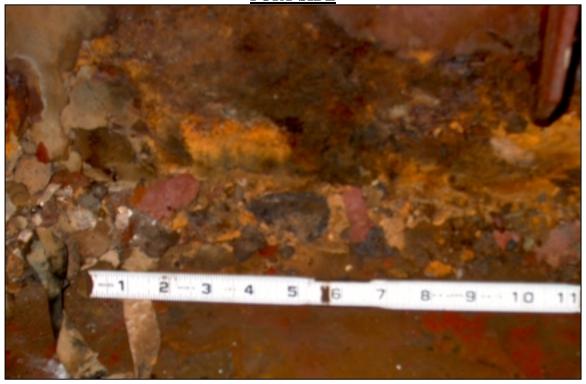
USS TAYLOR (FFG-50) STEERING GEAR ROOM (5-368-01-E) STBD SIDE



STARBOARD SIDE, EXPANDED VERTICALY, RED BOX INDICATES AREA

ITEM NUMBER								SHIP	USS TAYLOR	(EEC-50	`	
SYSTEM	<u> </u>	ESWB	S	EI	IC		APL	<u>. </u>	USS TATLOR	RI		
SHELL & SUPPORTI	ING STRUCTURE	110	11011		A10				X-SYSTEMS		N/L	
EQUIPMENT NAME HULL STRUCTURE 1	1102XY	'	DENT/SERIAL	N/A		LOCA.	тюн 5-292-0-Е		vork center EMO4	A A	:N -162	
EQUIPMENT STATUS		PROBLEM STATU	IS					CATEGO	EOC			
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACT 3. TNA - TEST NOT ATTE 4. TNC - TEST NOT COM 5. NOB - EQUIPMENT NO	TORY EMPTED IPLETED	3. T - AV 4.S - SHI	RRECTED /AITING PARTS VAITING TECH AS P'S FORCE RECTED PROBLEMS	SSIST*	1. S - PERSO 2. Z - EQUIF 3. H – HAR				4. D - DOWN 5. L - LIMITED)	.9	
TYPEAVAILABILITY	WHEN TO BE		ATUS		CAUSE				DEFERRAL REASON			
1. DEPOT	ACCOMPLISHED 1. IMMEDIATELY	1.	OPERATIONAL		1. ABNORM	AL ENVIRON	MENT		1. S/F BACKLOG/OPERA	TIONAL PRIORTY		
2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	TECH ASSIST SHIP'S FORCE UNDERWAY 3. REDUCED CAPABI 3. REDUCED CAPABI 4. NOT APPLICABLE					KNOWLEDGE	OBLEMS CTION/PROCEDU		 NO FORMAL TRAINING ON THIS EQUIPM FORMAL TRAINING INADEQUATE IN THI 			
MAN HRS EXPENDED 4	MAN HRS RE	EMAINING 600		COMPLET	TED ACTION TA	KEN		5	/F MANHOURS	PF	RIORTY	
SAFETY HAZARD: 1. SERIOUS - CORRECT A 2. SERIOUS - SUSPENSIG 3. SERIOUS - WAVIER OI 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATER	ON OF EQUIPMENT/SYS F EQUIPMENT/SYSTEM R RIAL	TEM/SPACE RE		2. MAINTE 3. MAINTE 4. CANCEL 5. MAINTE 6. NONE O	1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION RWATER HULL ASSESSMENT: PORT SIDE, (5-292-0-E) AMR 3							
	, ,								AGE CRITERIA.			
									NGERS HAVE HEA	VY CORRC	DSION AND	
HEAVY PAINT SI	EPARATION AP	PROXIMA	TELY 60 SF	. SEE	DRAWIN	J FOR	U/I REAL	INGS				
DECOMMENDED	DEDAIDS: DEC	CAMEND	DEDAID AC	NTI) /IT\/	CLEAN	ND CA	٥ ٥ ٥ ٥	OTABLE	MATER TANK (F. 2	100 0 141) 0	UIT OUT	
									WATER TANK (5-3			
									N APPROX 60 SF OF ACCOMPLISHED		VVEEIN	
			IAL, I ILL	SLIVE	LANDIA	MINI. I	VEI AIIVO	TO BE	ACCOMI LIGITLE	DUNING		
DRY-DOCKIN SSPORT C221 P			396-4001 I	EXT 21:	30, TPO	C: C. BU	ICK					
CSMP SUMMAR MARGIN PLA		ING / HE	AVY COR	ROSI	ON				TEST# MRC 1102/1			
ROOT CAUSE/AMI H1	PLIFICATION:								STEP# 1,2,3,4 & 5			
SYSTEM LEVEL IN	MPACT:								ų , , , , , , , , , , , , , , , , , , ,			
PART NO.	<u> </u>	N	OMEMCLATU	JRE			QTY	NSN			COST	
1												
2												
3												
4												
5												
6	_		0500:-		· . O.T.				BUIGNE			
FIRST CONTACT McNEIL	RATI HTC:		SECONE AMADO		ACT		RATE HTC		PHONE			
ASSESSOR / ACT J. LaROCK/ T. I		QED SY	STEMS INC	J	T	D	TL	LO	GISTICIAN		TSP	

<u>USS TAYLOR (FFG-50)</u> <u>AUXILIARY MACHINERY ROOM 3 (5-292-0-E)</u> <u>PORT SIDE</u>



PORT SIDE, BETWEEN WF (324) AND BHD (328) HEAVY CORROSION ON MARGIN PLATE AND SHELL SEE DRAWING FOR U/T READING



HEAVY CORROSION ON MARGIN PLATE WHERE IT MEETS WF (324) AND SHELL LOW U/T READINGS WERE REVEALED IN THIS AREA.

USS TAYLOR (FFG-50) AUXILIARY MACHINERY ROOM 3 (5-292-0-E) PORT SIDE

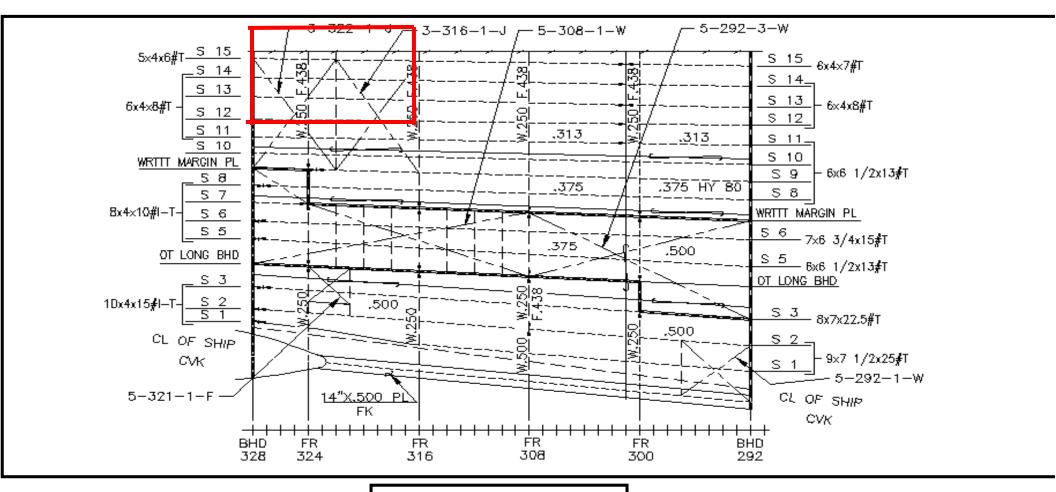


PORT SIDE, AFT OF WF (324) WERE STRINGER (9) MEETS THE SHELL PLATE



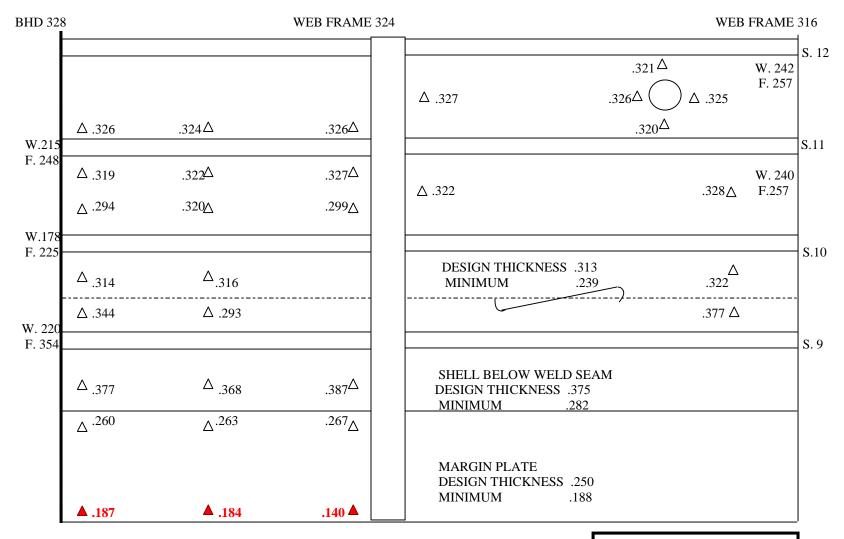
STRINGER (11) FWD OF WF (224)

<u>USS TAYLOR (FFG-50)</u> AUXILIARY MACHINERY ROOM 3 (5-292-0-E)



RED BOX INDICATES LOCATION OF U/T READINGS DRAWING ON FOLLOWING PAGE

<u>USS TAYLOR (FFG-50)</u> <u>AUXILIARY MACHINERY ROOM 3 (5-292-0-E)</u> <u>PORT SIDE</u>



J. LaROCK / T. ILGENFRITZ QED SYSTEMS INC. 10/31/01

ITEM NUMBER							SHIP	USS TAYLOR (F	EC 50	`	
SYSTEM		ESWBS	EI	С		APL		USS TATLOR (I	RI		
SHELL & SUPPORTI	NG STRUCTURE 110			A100	0			SYSTEMS		N/L	
EQUIPMENT NAME HULL STRUCTURE 1	102XY	IDENT/SERIAL	N/A		LOCAT	ion 5-292-0-E		RK CENTER EMO4		วรท A-165	
EQUIPMENT STATUS	ppor	DI EM CTATUC		11			CATECORY			EOC	
	PROI	BLEM STATUS					CATEGORY			EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACT 3. TNA - TEST NOT ATTE 4. TNC - TEST NOT COMF 5. NOB - EQUIPMENT NOT	MPTED PLETED	1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH A 4.S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONI 2. Z - EQUIPME 3. H – HARDV	NT SAFET			4. D - DOWN 5. L - LIMITED	.9		
TYPEAVAILABILITY	WHEN TO BE	STATUS	3	CAUSE				DEFERRAL REASON			
1. DEPOT	ACCOMPLISHED 1. IMMEDIATELY	1. OPERATIONAL		1. ABNORMAL	NVIRONN	IENT		S/F BACKLOG/OPERATION.	AL PRIORTY		
2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	2. PRIOR TO NEXT UNDERWAY 3.PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE					2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 10. OTHER OR NOT APPLICABLE				
MAN HRS EXPENDED	MAN HRS REMAI	NING	COMPLET	ED ACTION TAKE	N		S/F	MANHOURS	PF	RIORTY	
2		800									
SAFETY HAZARD: 1. SERIOUS - CORRECT A 2. SERIOUS - SUSPENSIO 3. SERIOUS - WAVIER OF 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATER	ON OF EQUIPMENT/SYSTEM EQUIPMENT/SYSTEM	/SPACE REQUIRED	2. MAINTE 3. MAINTE 4. CANCEL 5. MAINTE	1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION							
DISCREPANCY D	DESCRIPTION: PE	R SEMAT II UND	ERWATE	ER HULL A	SSESS	MENT : (5	-292-0-E) <i>F</i>	MR 3, TRANSVERSE	WEB FR	AME (316)	
IS HOLED ABOV	'E SHAFT. 4 X 4 /	ANGLE STIFFENE	RS ON F	WD SIDE	OF TR	RANSVERS	SE WEB F	rame are deteri	ORATE).	
APPROX 8 SF OF	TRANSVERSE W	EB FRAME (316) A	ND APP	ROX 16 LF	OF 4 2	X 4 X .375	ANGLE IR	ON.			
	REPAIRS: RECON										
TRANSVERSE W	<u>/EB FRAME (316),</u>	REPLACE WITH	.250 MII	LD STEEL.	CUT	OUT AND	REPLACE	APPROX 16 LF O	F 4X4X.	375	
ANGLE. CLEA	N ENTIRE AREA	AND PAINT TO I	MATCH	. WORK I	<i>I</i> UST	BE ACC	OMPLISH	ED DURING DRY	DOCK		
AVAILABILITY	′ .										
SSPORT C221 P	OC: B. WILLIAMS	(757) 396-4001	EXT 21:	30, TPOC:	C. BU	CK					
CSMP SUMMAR'	Y: 'EB FRAME (316)	IS HOLED / STIF	FNFRS I	OFTERIOR.	4TFD			TEST# MRC 1102/1			
ROOT CAUSE/AME				32.2	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			STEP#			
H1 SYSTEM LEVEL IM	IDACT							1,2,3,4 & 5			
	n ∧∪1.					0.77			ır	2007	
PART NO.		NOMEMCLAT	URE			QTY	NSN			COST	
1											
2											
3											
4											
5											
6 FIRST CONTACT	RATE	SECON	D CONT	ACT		RATE	DI	HONE			
McNEIL	HTCS	AMADO				HTC					
ASSESSOR / ACT . J. LaROCK/ T. II		QED SYSTEMS IN	C.	TD		TL	LOGIS	STICIAN		TSP	

<u>USS TAYLOR (FFG-50)</u> <u>AUXILIARY MACHINERY ROOM 3 (5-292-0-E)</u> TRANSVERSE WEB FRAME (316)

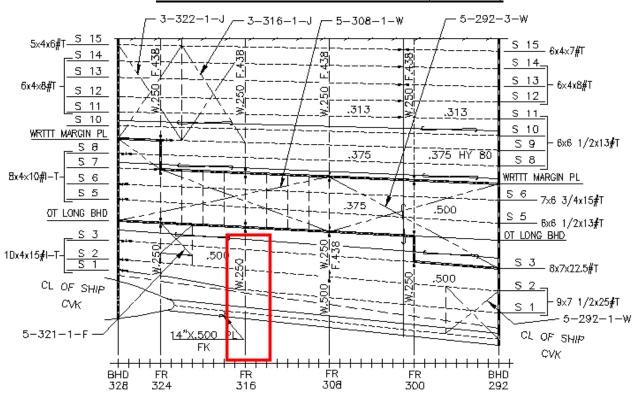


LARGE HOLE IN TRANSVERSE WEB FRAME (316) LOOKING FWD



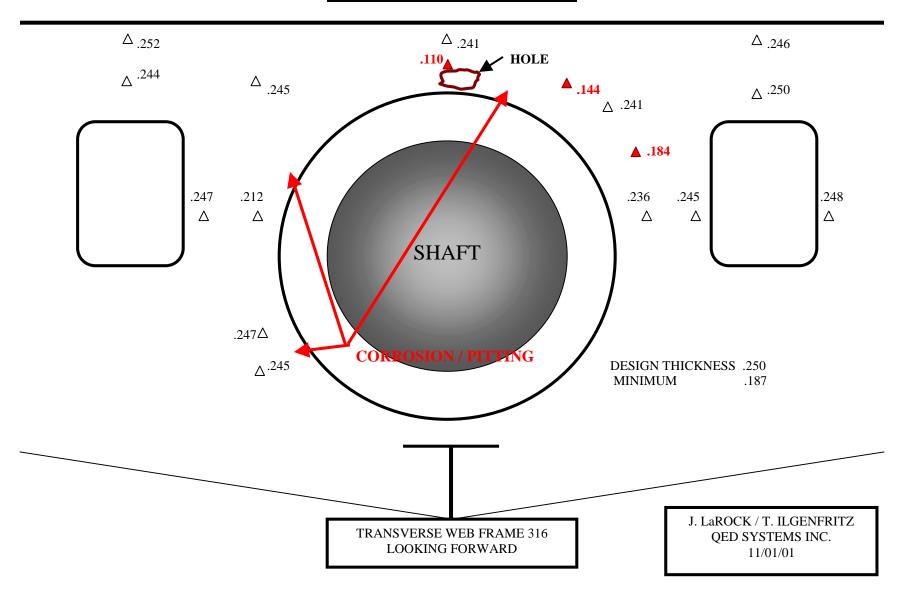
TRANSVERSE WEB FRAME (316) LOOKING AFT, CORRODED STIFFENER.

<u>USS TAYLOR FFG-50)</u> AUXILIARY MACHINERY ROOM 3 (5-292-0-E)



USS TAYLOR (FFG-50)
AUXILIARY MACHINERY ROOM 3
(5-292-0-E) RED BOX INDICATES
AREA. SEE DRAWING ON
FOLLOWING PAGE.

<u>USS TAYLOR (FFG-50)</u> <u>AUXILIARY MACHINERY ROOM 3. (5-292-0-E)</u> <u>TRANSVERSE WEB FRAME (316)</u>



ITEM NUMBER							Ī	SHIP			
									USS TAYLOR (FFG-50)
SYSTEM SHELL & SUPPORT	ING STRUCTURE		ESWBS 11011	EI	c A100		APL	X-:	SYSTEMS	RI	N N/L
EQUIPMENT NAME HULL STRUCTURE 1	1102XY		IDENT/SERIAL				TON 5-250-0-E	WO	RK CENTER EMO4	JSN A-164	
EQUIPMENT STATUS		PROBLEM S	STATUS][CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACT 3. TNA - TEST NOT ATTI 4. TNC - TEST NOT COM	<mark>TORY</mark> EMPTED IPLETED	2. <i>I</i> 3 4. S	C - CORRECTED A - AWAITING PARTS T - AWAITING TECH ASSI S - SHIP'S FORCE						4. D - DOWN 5. L - LIMITED	.9	
5. NOB - EQUIPMENT NO TYPEAVAILABILITY	WHEN TO BE ACCOMPLISHE	-11	STATUS STATUS		CAUSE				DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	DEPOT 1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY TECH ASSIST 3. PIROR TO NEXT DEPLOYMENT 4. NOT APPLICAB 4. DURING POST DEPLOYMENT AVAILABILITY 1. OPERATIONA 2. NON-OPERATIC 3. REDUCED CAP/ 4. NOT APPLICAB					OWLEDGE TION PRO	LLATION DEFECTS BLEMS TION/PROCEDUR		1. S/F BACKLOG/OPERA' 2. LACK OF MATERIAL 3. NO FORMAL TRAINING O 4. FORMAL TRAINING INAD EQUIPMENT 5. INADEQUATE SCHOOL PI 6. LACK OF FACILITIES/CAF 7. NOT AUTHORIZED FOR S 8. FOR S/F OVERHAUL OR / LIST 9. LACK OF TECHNICAL DO 10. OTHER OR NOT APPLIC	MENT IS NING HMENT	
MAN HRS EXPENDED 4	MAN HRS	REMAINING		COMPLET	ED ACTION TAKE	N		S/F	MANHOURS	PF	RIORTY
	ON OF EQUIPMENT/S F EQUIPMENT/SYSTE RIAL DESCRIPTION	SYSTEM/SPACEM	EMAT II UNDE	2. MAINTE 3. MAINTE 4. CANCEL 5. MAINTE 6. NONE O		OMPLETED: OMPLETED: VILL BE RE OMPLETED: SCRIBE IN	REQUIRED PART NO PARTS REQUIMOVED FROM CSI 3-M CAPABILITY REMARKS/DESCR	S NOT DRAWN IIRED MP UTILIZED IPTION SECTION	<u>√</u> 5-250-0-E) MAIN EN	2. 3. 4.	
						APPR(OX 80 SF (of Surf	ACE RUST AND HE	EAVY PA	INT
SEPARATION.	U/T READING	SS ARE S	SATISFACTORY	, SEE [DRAWING.						
RECOMMENDED RECOMMEND S		CLEAN E	ENTIRE AREA	TO BAR	E METAL, I	PRESE	RVE AND	PAINT T	O MATCH APPROX	(80 SF	
SSPORT C221 F	POC: B. WILLI	AMS (7	57) 396-4001	EXT 218	86, TPOC:	C. BU	СК				
CSMP SUMMAR SURFACE RUST		SEPARA ⁻	TION, APPROX	80 SF					TEST# MRC 1102/1		
ROOT CAUSE/AMI H1	PLIFICATION:								STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IN	MPACT:										
PART NO.			NOMEMCLATU	JRE			QTY	NSN			COST
1											
2											
3											
4											
5											
6	ii-		ı								
FIRST CONTACT McNEIL		TE CS	SECONI AMADO		ACT		RATE HTC	PI	HONE		
ASSESSOR / ACT J. LaROCK/ T. I		DED SYS	TEMS INC.		TD		TL	LOGI	STICIAN		TSP
							·				

<u>USS TAYLOR (FFG-50)</u> <u>MAIN ENGINE ROOM (5-250-0-E)</u> PORT SIDE

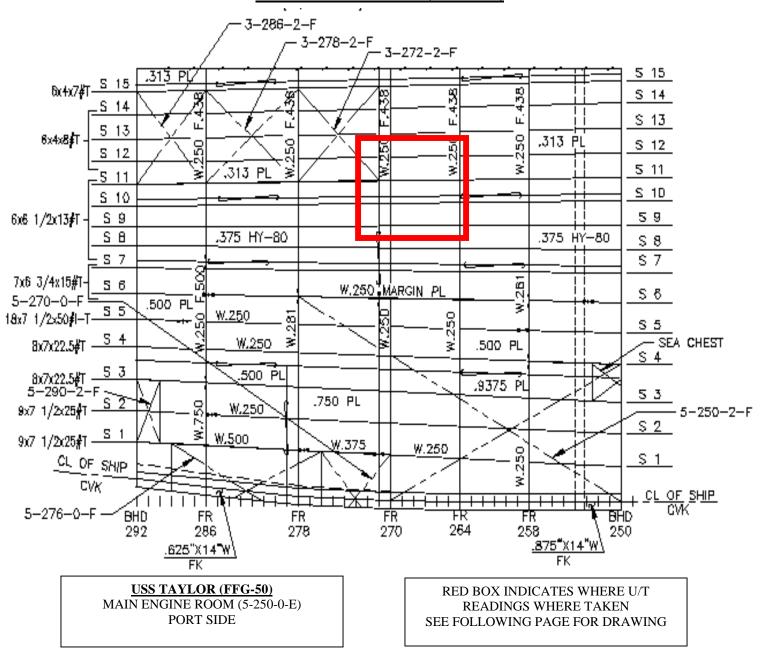


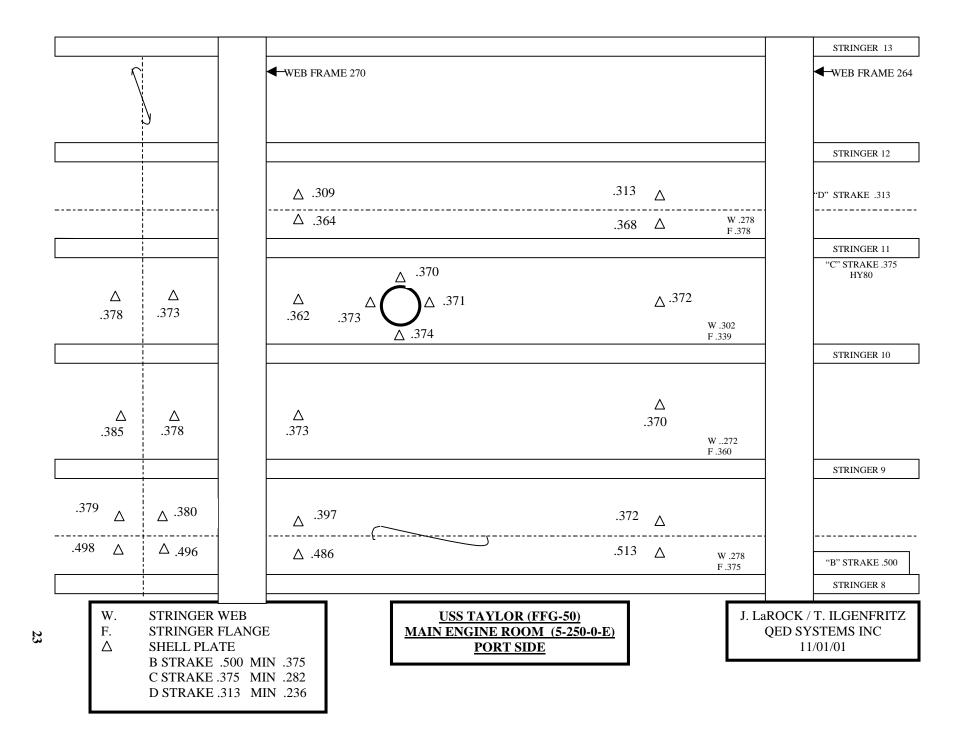
SALT WATER OVERBOARD DISCHARGE BETWEEN WEB FRAMES (264 -270) HEAVY PAINT SEPARATION AND SURFACE RUST, U/T READINGS WERE SATISFACTORY SEE DRAWING



STRINGER (9) TOP VIEW

<u>USS TAYLOR (FFG-50)</u> MAIN ENGINE ROOM (5-250-0-E)





ITEM NUMBER							Г	SHIP				
									USS TAYLOR (F	FG-50))	
SYSTEM SHELL & SUPPORT	ING STRUCTURE		ESWBS 11011	EIG	c A100		APL	X-5	SYSTEMS	RI	N N/L	
EQUIPMENT NAME HULL STRUCTURE 1	1102VV		IDENT/SERIAL	NI/A		LOCAT			RK CENTER	JSI		
TIOLE STRUCTURE	1102/1			N/A			5-212-0-E		EMO4	A-	-173	
EQUIPMENT STATUS		PROBLEM	STATUS					CATEGORY		·	EOC	
1. SAT - SATISFACTOR' 2. UNSAT - UNSATISFAC			C - CORRECTED A - AWAITING PARTS		1. S - PERSONN 2. Z - EQUIPME				4. D - DOWN 5. L - LIMITED			
3. TNA - TEST NOT ATT 4. TNC - TEST NOT COM	MPLETED	4.9	T - AWAITING TECH ASSI S - SHIP'S FORCE		3. H – HARDV	VARE					.9	
5. NOB - EQUIPMENT NO TYPEAVAILABILITY	WHEN TO BE		STATUS		CAUSE				DEFERRAL REASON			
1. DEPOT	ACCOMPLISHE 1. IMMEDIATE		1. OPERATIONAL		1. ABNORMAL I	ENVIRONN	1ENT		1. S/F BACKLOG/OPERATION	ONAL PRIOR	RTY	
2. IMA	2. PRIOR TO N	NEXT	2. NON-OPERATIONAL	-	3. LACK OF KN	OWLEDGE		3. NO FORMAL TRAINING ON THIS EQU				
3. TECH ASSIST	UNDERWAY	EVE	3. REDUCED CAPABIL	ITY		E INSTRUC	BLEMS CTION/PROCEDUR	E				
4. SHIP'S FORCE	3.PIROR TO N DEPLOYMENT		4. NOT APPLICABLE		6. INADEQUAT 7.NORMAL W 8. NOT APPLIC	EAR AND	TEAR		VING			
5. SFWL	4. DURING P DEPLOYMEN				8. NOT APPLICA	ABLE			7. NOT AUTHORIZED FOR S/F 8. FOR S/F OVERHAUL OR AVA LIST			
	AVAILABI								LACK OF TECHNICAL DOCUI OTHER OR NOT APPLICABLE	MENTATION IF		
MAN HRS EXPENDED	MAN HR	S REMAINING	<u> </u>	COMPLET	ED ACTION TAKE	ΕN		S/F	MANHOURS		IORTY	
2 SAFETY HAZARD:		40	00	1 MAINTEI	NANCE ACTION CO	MDIETED	· DADTS DDAWNI I	DOM SUDDIV		1	MANDATORY	
1. SERIOUS - CORRECT A 2. SERIOUS - SUSPENSI			CE REQUIRED	MAINTEI	NANCE ACTION CO NANCE ACTION CO	MPLETED	: REQUIRED PART	S NOT DRAWN	FROM SUPPLY	2.	ESSENTIAL HIGHLY	
3. SERIOUS - WAVIER O 4. SAFETY ITEM - MINOI	F EQUIPMENT/SYST		SE REQUIRED	4. CANCELI	LED - DEFERRAL W NANCE ACTION CO	/ILL BE RE	MOVED FROM CS	MP		1	DESIRABLE DESIRABLE	
5. COMBUSTIBLE MATER		N. DED C	SEMAT II LINDE		F THE ABOVE, DES				(5-212-0-E) AUX 2			
									TING. U/T READIN	IGS WF	RF.	
SATISFACTORY			DIID (212), IR	OW THE	LLJOALL	IIVOIVI	K TO THE	U/L GIVA	TINO. O/T KLADIN	IOS WL	IXL	
GATTOTA TOTAL	, oll brown											
RECOMMENDED	_											
RECOMMEND S												
									2), CLEAN AREA EX			
LAGGING REMIC	JVAL ON BHL) (212) <i>F</i>	APPROX 100 SE	- IOTAL	L, PRESER	VE AN	D PAINT.	RECOIVII	MEND NOT REPLAC	ING LA	GGING	
SSPORT C221 F	OC: P WILL	IAMS (7	57) 206 4001	EVT 210	PA TDOC:	C DII	CV					
33F0K1 0221F	OC. D. WILL	TAIVIS (7	37) 370-4001	LAI ZIC	30, TFOC.	С. БО	CK					
CSMP SUMMA	RY:								TEST#			
STRIINGERS, S		HD HAVE	CORROSION.						MRC 1102/1			
ROOT CAUSE/AM H1	PLIFICATION:								STEP# 1,2,3,4 & 5			
SYSTEM LEVEL IN	MPACT:								1,2,3,4 & 3			
0.0.5	7 10 1 1											
PART NO.			NOMEMCLATU	JRE			QTY	NSN			COST	
1												
2												
3												
4												
5												
6												
FIRST CONTACT		ATE FCS	SECONI AMADO		ACT		RATE HTC	PI	HONE			
ASSESSOR / ACT			ANIADO		TD		TL	LOGIS	STICIAN		TSP	
J. LaROCK/ T. I		QED SYS	TEMS INC.									

<u>USS TAYLOR (FFG-50)</u> <u>AUXILIARY MACHINERY ROOM 2 (5-212-0-E)</u> PORT SIDE



PORT SIDE, CORROSION ON SHELL AT BHD (212)



CORROSION ON BHD (212) WHERE IT MEETS SHELL PLATE U/T READINGS WERE SATISFACTORY. REMOVAL OF INSULATION IS RECOMMENDED.

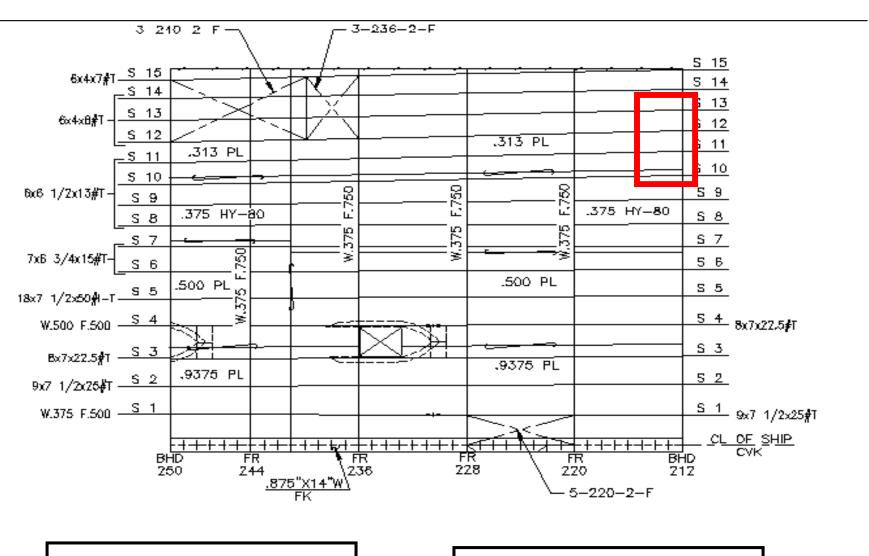
USS TAYLOR (FFG-50) AUXILIARY MACHINERY ROOM 2 (5-212-0-E) PORT SIDE



CORROSION CAUSED BY TRAPPED WATER UNDER THE HPAC.

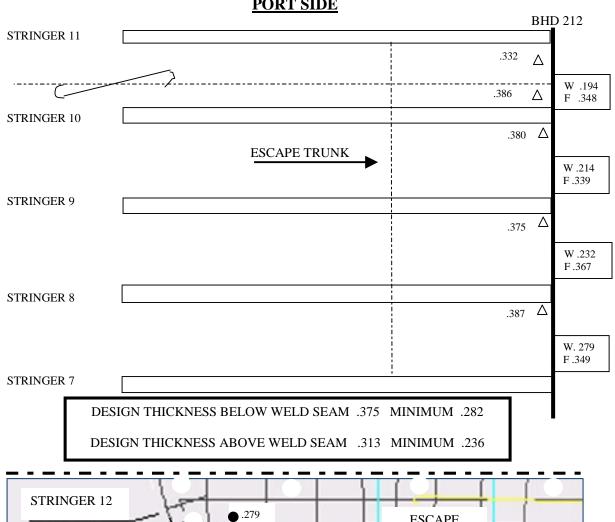


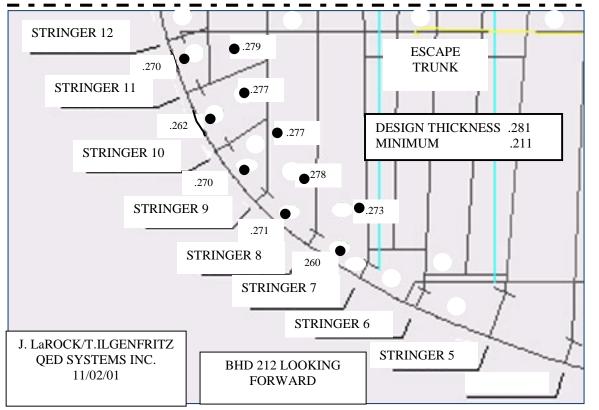
STRINGER (7), LOOKING INBOARD NEAR BOTTOM OF ESCAPE TRUNK



USS TAYLOR (FFG-50) AUXILIARY MACHINERY ROOM 2 (5-212-0-E) RED BOX INDICATES AREA WHERE U/T READINGS WERE TAKEN.
REFER TO FOLLOWING PAGE FOR DRAWING.

<u>USS TAYLOR (FFG-50)</u> <u>AUXILIARY MACHINERY ROOM 2 (5-212-0-E)</u> PORT SIDE





ITEM NUMBER								SHIP			
									USS TAYLOR (FF		
SYSTEM SHELL & SUPPORT	TING STRUCTURE		swвs 11011	EI	c A100		APL	Х-	SYSTEMS	RII	N N/L
EQUIPMENT NAME	1100///		IDENT/SERIAL	N1 / A		LOCAT			RK CENTER	JSI	
HULL STRUCTURE	110281			N/A			5-180-0-E		EMO4	A-	174
EQUIPMENT STATUS		PROBLEM S	STATUS					CATEGORY	TEGORY		
1. SAT - SATISFACTOR 2. UNSAT - UNSATISFAC			- CORRECTED A - AWAITING PARTS		1. S - PERSONI 2. Z - EQUIPME				4. D - DOWN 5. L - LIMITED		
3. TNA - TEST NOT AT 4. TNC - TEST NOT CO	TEMPTED	3. 1	- AWAITING TECH A	SSIST*	3. H – HARDV				o. E Elimites		.9
5. NOB - EQUIPMENT N TYPEAVAILABILITY	OT ONBOARD WHEN TO BE	*UI	STATUS	3	CAUSE				DEFERRAL REASON		
1. DEPOT	ACCOMPLISHE 1. IMMEDIATEI		1. OPERATIONAL		1. ABNORMAL	FNI/IPONI/	1FNT		S/F BACKLOG/OPERATIONAL F	PRIORTY	
2. IMA	2. PRIOR TO N		2. NON-OPERATIONA	L		ER/INSTAI	LLATION DEFECTS	5	IS EQUIPM	1ENT	
3. TECH ASSIST	UNDERWAY		3. REDUCED CAPABIL		4. COMMUNICA	ATION PRO	BLEMS CTION/PROCEDUR	E	FORMAL TRAINING INADEQUA EQUIPMENT		
4. SHIP'S FORCE	3.PIROR TO N DEPLOYMENT		4. NOT APPLICABLE		6. INADEQUAT 7.NORMAL W	E DESIGN		5. INADEQUATE SCHOOL PRACTICAL 6. LACK OF FACILITIES/CAPABIL			
5. SFWL	4. DURING POS	ST			8. NOT APPLIC				7. NOT AUTHORIZED FOR S/F AC 8. FOR S/F OVERHAUL OR AVAIL	COMPLISE	IMENT
	DEPLOYMENT AVAILABILIT	ГҮ							LIST 9. LACK OF TECHNICAL DOCUME	NTATION	
									10. OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED	MAN HRS	REMAINING		COMPLET	ED ACTION TAKE	EN .		S/F	MANHOURS	PR	IORTY
2		250	00								
SAFETY HAZARD: 1. SERIOUS - CORRECT				2. MAINTE	NANCE ACTION CO	MPLETED:	: REQUIRED PART	S NOT DRAWN	FROM SUPPLY	2. I	MANDATORY ESSENTIAL
2. SERIOUS - SUSPENS 3. SERIOUS - WAVIER (OF EQUIPMENT/SYSTE		E REQUIRED	4. CANCEL	NANCE ACTION CO LED - DEFERRAL V	ILL BE RE	MOVED FROM CS	MP		1	HIGHLY DESIRABLE
4. SAFETY ITEM - MINO 5. COMBUSTIBLE MATE	RIAL			6. NONE O	NANCE ACTION CO F THE ABOVE, DES	CRIBE IN	REMARKS/DESCR	IPTION SECTIO		4. 1	DESIRABLE
									(5-180-0-E) AUX 1		
									BOTTLE STATION AN		BOARD
OF BALLAST BI	LOCKS AFT OF	WF (196). MINOR COR	ROSIO	N WAS FOL	וט טאנ	N SHELL P	LATE WE	ERE IT MEETS WF (21	14)	
DECOMMENDE	D DEDAIDS: DI	IE TO NIII	MEDOLIS INTER	DEEDENIC	EC (DAILA	ST DI C	CKS DIDIV	IC ETC) E	ECOMMEND REPAIR AC	`TI\/IT	V
					- '				BARE METAL, PRESER		
REPLACE INT											
SSPORT C221	POC: B. WILLI	AMS (75	57) 396-4001	EXT 21:	30, TPOC:	C. BU	СК				
CSMP SUMMAI	RY:								TEST#		
CORROSION II	N BILGE, POR	Γ SIDE.							MRC 1102/1		
ROOT CAUSE/AN	MPLIFICATION:								STEP#		
H1 SYSTEM LEVEL I	MPACT:								1,2,3,4 & 5		
3131EW LEVEL 1	IVII AOT.										
PART NO.			NOMEMCLATI	JRE			QTY	NSN			COST
1											
2											
3											
4											
5								1			
6											
FIRST CONTAC		TE	SECONI		ACT		RATE	P	HONE		
McNEIL		CS	AMADO	K	TD		HTC	1001	CTICIAN	11	TCD
ASSESSOR / ACT J. LaROCK/ T.		QED	SYSTEMS IN	C.	TD		TL	LUGI	STICIAN		TSP

<u>USS TAYLOR (FFG-50)</u> AUXILIARY MACHINERY ROOM 1 (5-180-0-E)



REEFER COMPRESSOR NO.2. CORROSION WAS FOUND WHERE FOUNDATION MEETS SHELL PLATE.



FOUNDATION FOR REEFER COMPRESSOR

<u>USS TAYLOR (FFG-50)</u> <u>AUXILIARY MACHINERY ROOM 1 (5-180-0-E)</u>



CORROSION INBOARD OF BALLAST BLOCKS AFT OF WF (196).



<u>USS TAYLOR (FFG-50)</u> <u>AUXILIARY MACHINERY ROOM 1 (5-180-0-E)</u>



HALON BOTTLE STATION, PORT SIDE UNDER LADDER. NUMEROUS INTERFERENCES BELOW DECK GRATING PREVENT SHIPS FORCE FROM ADEQUATELY STEMMING CORROSION.



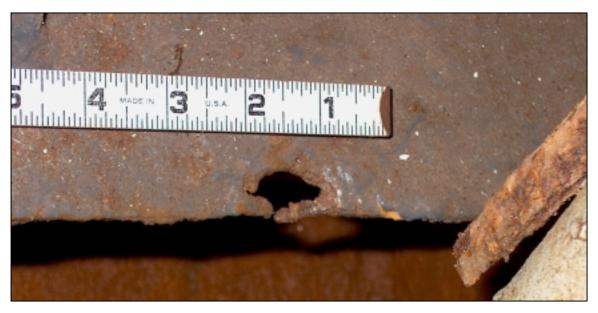
CORROSION ON SHELL UNDER HALON BOTTLES

4. SAFETY ITEM - MINOR 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION	.9
SYSTEM SHELL & SUPPORTING STRUCTURE 110 11011 11001 1101 1100	.9
EQUIPMENT MAJE HULL STRUCTURE 1102XY PROBLEM STATUS PROBLEM STATUS PROBLEM STATUS PROBLEM STATUS CATEGORY 1. S SATISSACTORY 1. S PRESONNEL SAFETY 2. A - AWAITING PARTS 3. HARDWARE 5. S SHIPS FORCE 5. NOB - EQUIPMENT NOT ONBOARD 1. IMMEDIATELY 2. IMA 2. PRIOR TO NEXT 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 4. DURING POST DEPLOYMENT 5. SFWL 5. SHIP STORCE 5. SFWL 5. SHIP STORCE 6. NOB - PROBLEM STATUS 7. SHIP STORCE 7. DEPLOYMENT 7. DEPLOYMENT 7. SHIP STORCE 7. SHIP STORCE 7. NOT AMPLICABLE 7. NOT	.9
EQUIPMENT STATUS PROBLEM STATUS 1. SAT - SATISFACTORY 2. UNSATT-STATUS 1. S. PERSONNEL SAFETY 3. TAX - TEST NOT COMPLETED 4. S. SHIPS FORCE 5. NOB - EQUIPMENT NOT ONBOARD TYPEAVAILABILITY WHEN TO BE ACCOMPLISHED 1. OPERATIONAL 2. NON-OPERATIONAL 3. TAX - TEST NOT COMPLETED 4. S. SHIPS FORCE 4. S. SHIPS FORCE 1. DEPTO T 1. IMMEDIATELY 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 3. REDUCED CAPABILITY 4. NOT APPLICABLE 5. SFWL 4. DURING POST DEPLOYMENT 4. NOT APPLICABLE 5. SFWL 4. DURING POST DEPLOYMENT AVAILABILITY MAN HRS EXPENDED AND HAVE AVAILABILITY MAN HAVE AVAILABIL	.9
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. THA - TEST NOT ATTEMPTED 4. SATISFACTORY 5. NOB - EQUIPMENT NOT ONBOAD 5. LIMITED 5. NOB - EQUIPMENT NOT ONBOAD 6. SATISFACTORY 7. TYPEAVAILABILITY 8. WHEN TO BE ACCOMPLISHED 7. LIMIMEDIATELY 7. LIMIMEDIATELY 7. LIMIMEDIATELY 7. LIMIMEDIATELY 7. LIMIMEDIATELY 7. LIMIMEDIATELY 7. LACK OF MATERIAL 7. SATISFACTORY 7. NORMAL FERRIL TO SECRET TO STATUS 8. NOT APPLICABLE 9. NORMAN FROM SUPPLY 1. SAFETY HAZARD: 1. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 1. SAFETY HEAD ON SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 4. AND APPLICABLE 9. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 9. MAINTENANCE ACTION COMPLETE	.9
2. INSAT - UNSATISFACTORY 3. THA - TEST NOT ATTEMPTED 4. TRC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT OOMPLETED 5. NOB - EQUIPMENT NOT OOMPLETED 7. TYPEAVAILABILITY 8. SHIPS FORCE 8. STATUS 8. STATUS 8. STATUS 8. STATUS 8. CAUSE CAUSE CAUSE DEFERAL REASON 1. IMMEDIATELY 9. LACK OF MATERIAL 1. SUPERATIONAL 1. IMMEDIATELY 1. IMMEDIATELY 2. IMMA 2. PRIOR TO NEXT 1. UNDERWAY 3. TECH ASSIST 4. SHIPS FORCE 9. SEPLOYMENT 4. SHIPS FORCE 1. SPRUCED CAPABILITY 5. L- LIMITED 5. L - LIMITED 5. LACK OF MATERIAL 6. LA	
TYPEAVAILABILITY WHEN TO BE ACCOMPLISHED STATUS CAUSE 1. DEPOT	т
1. DEPOT 1. IMMEDIATELY 2. IMA 2. PRIOR TO NEXT UNDERWAY 3. TECH ASSIST 3. PIROR TO NEXT DEPLOYMENT 4. SHIP'S FORCE 5. SFWL 4. DURING POST DEPLOYMENT AVAILABILITY 4. NOT APPLICABLE 5. SFWL 5. SFWL 5. SFWL 5. SFWL 5. SFWL 6. AND TAPPLICABLE 6. AND TAPPLICABLE 7. NOT APPLICABLE 7. NOT APPLICABLE 7. NOT APPLICABLE 8. NOT APPLICABLE 7. NOT AUTHORIZED FOR S/F ACCOMPLISHME 8. NOT APPLICABLE 9. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. SHIP'S FORCE 6. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 7. NOT AUTHORIZED FOR S/F ACCOMPLISHME 8. FOR S/F OVERHAUL OR AVAILABILITY 8. FOR S/F OVERHAUL OR AVAILABILITY 9. LACK OF TECHNICAL DOCUMENTATION 10. OTHER OR NOT APPLICABLE 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM/SPACE REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL 6. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 5. MAINTENANCE ACTION COMPLETED: RAPRIS REQUIRED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION	Т
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3. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 5. COMBUSTIBLE MATERIAL 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION	NTIAL
5. COMBUSTIBLE MATERIAL 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION	RABLE
DICCREPANCY DECORPTION, DED CEMAT IL LINDEDWATER HILL ACCECCMENT, FORWARD EDUCTOR DOOM (F. F1.0.0)	ABLE
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: FORWARD EDUCTOR ROOM (5-51-0-Q)	
FLANGE ON STRINGER (1) AT BHD (56) IS CORRODED. VERTICAL STIFFNERS FROM KEEL TO FIRST STRINGER ARE SE	'ERELY
DETERIORATED. APPROXIMATELY 8 LF OF VERTICAL STIFFNER. ENTIRE BILGE AREA PORT AND STBD HAS LIGHT CORROS	ION.
SEE DRAWING FOR U/T READINGS.	
RECOMMENDED REPAIRS: RECOMMEND REPAIR ACTIVITY, CUT OUT AND REPLACE APPROXIMATELY 8 LF OF (2 X 3) VERTICAL	AL
STIFFNER, REMOVE APPROXIMATELY 1 LF OF FLANGE ON STRINGER (1), REPLACE WITH (4" X .250) FLAT BAR. CLEAN ENTIRE BILGE	AREA
APPROXIMATELY 80 SF TO BARE METAL, PRIME AND PAINT. WORK MUST BE ACCOMPLISHED DURING DRYDOCK	
AVAILABILITY.	
SSPORT C221 POC: B. WILLIAMS (757) 396-4001 EXT 2130, TPOC: C. BUCK	
CSMP SUMMARY: TEST#	
CORRODED VERTICAL STIFFNERS / CORRODED FLANGE MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: H1 1,2,3,4 & 5	
SYSTEM LEVEL IMPACT:	
PART NO. NOMEMCLATURE QTY NSN CO	ST
	51
4	
5	
6	
FIRST CONTACT RATE SECOND CONTACT RATE PHONE McNEIL RATE SECOND CONTACT RATE PHONE HTC	
ASSESSOR / ACT / TECH ID# TD TL LOGISTICIAN TS J. Larock/ T. Ilgenfritz QED Systems inc.	

<u>USS TAYLOR (FFG-50)</u> <u>FORWARD EDUCTOR ROOM (5-51-0-Q)</u>



STBD BILGE POCKET, CORRODED VERTICAL STIFFNERS, HOLE IN STRINGER FLANGE.

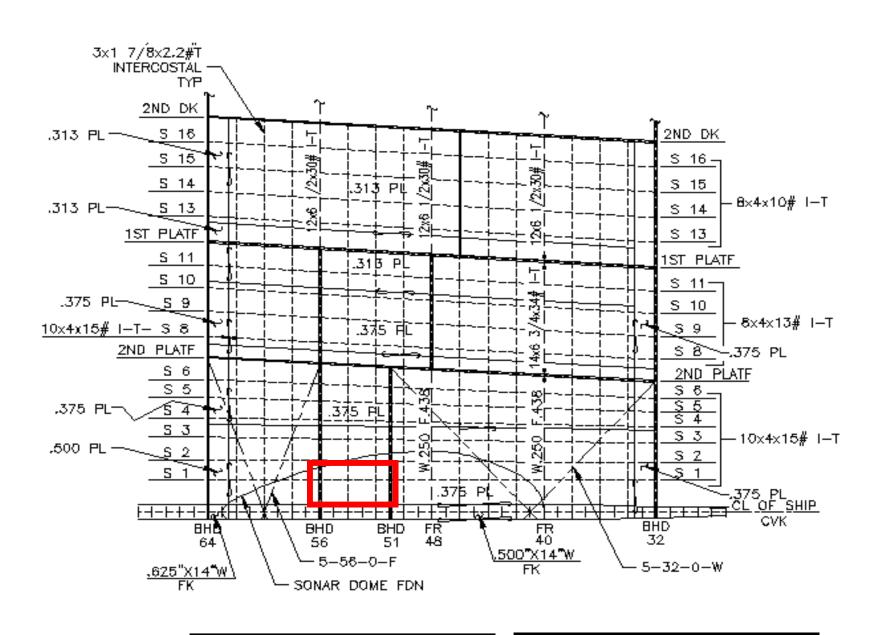


HOLE IN FLANGE OF STRINGER (1) AT BHD (56) SEE DRAWING FOR U/T READINGS

<u>USS TAYLOR (FFG-50)</u> FORWARD EDUCTOR ROOM (5-51-0-Q)



CORRODED (2 X 3) VERTICAL STIFFNER.

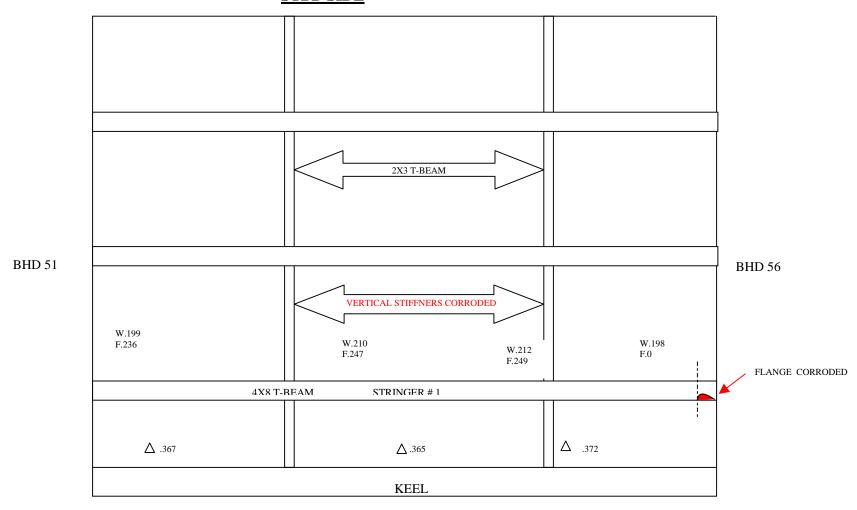


USS TAYLOR (FFG-50)

EDUCTOR ROOM (5-51-0-Q)

RED BOX INDICATES AREA WHERE U/T READINGS WERE TAKEN SEE FOLLOWING PAGE FOR DRAWING

USS TAYLOR (FFG-50) FORWARD EDUCTOR ROOM (5-51-0-Q) STBD SIDE



J.LAROCK / T.ILGENFRITZ QED SYSTEMS INC. 11/03/01

MATERIAL ASSESSMENT FORM

ITEM NUMBER USS TAYLOR (FFG-50)						1							
SYSTEM SUPPORTIN	UC CTDI	ICTUDE	110	ESWBS 11011		EIC			APL		•	RII	V
SHELL & SUPPORTIN	NG STRU	JCTURE	110	11011 IDENT/SERI			A100	LOCAT	ION		SYSTEMS rk center	JSI	N/L N
HULL STRUCTURE 11	102XY				N/A	١			4-172-1-E		EMO4		186
EQUIPMENT STATUS			PROBLEM	A STATUS				<u> </u>		CATEGOR	1		EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTO 3. TNA - TEST NOT ATTEN 4. TNC - TEST NOT COMP 5. NOB - EQUIPMENT NOT	MPTED LETED		2 3 4	. C - CORRECTED . A - AWAITING PART . T - AWAITING TECH .S - SHIP'S FORCE UNCORRECTED PROF	H ASSIST*	1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE					4. D - DOWN 5. L - LIMITED		.9
TYPEAVAILABILITY	WHI	EN TO BE		STATUS	JEENIO		CAUSE				DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	IMA 2. PRIOR TO NEXT UNDERWAY 3. REDUCED CAPAI 3. REDUCED CAPAI 3. REDUCED CAPAI 4. NOT APPLICABL 4. DURING POST DEPLOYMENT AVAILABILITY			FIONAL PABILITY	6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 6. LACK OF FACILITIES/CAF 7. NOT AUTHORIZED FOR S 8. FOR S/F OVERHAUL OR / LIST 9. LACK OF TECHNICAL DO' 10. OTHER OR NOT APPLIC						N THIS EQUIPM EQUATE IN THI ACTICAL TRAIN ABILITIES VF ACCOMPLISH VAILABILITY W	ENT S JING JMENT	
MAN HRS EXPENDED 2		MAN HRS R		1G 00	COM	IPLETE	D ACTION TAK	EN		S/F	MANHOURS	PR	IORTY
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL DISCREPANCY DESCRIPTION: PER SEMAT II UN BHD (172-180) BILGE POCKET HAS SURFACE RU					2. MA 3. MA 4. CA 5. MA 6. NO	AINTENA AINTENA ANCELLE AINTENA ONE OF		OMPLETED: OMPLETED: VILL BE RE OMPLETED: SCRIBE IN	REQUIRED PAR NO PARTS REQ MOVED FROM C: 3-M CAPABILIT REMARKS/DESCI	TS NOT DRAWN UIRED SMP Y UTILIZED RIPTION SECTIO	_N ET AREA (4-172-1-E)	2. I 3. I 4. I	
				SURFACE R	KUST AN	ID P	AINT SEP	AKATI	ON. APP	RUXTIVIA	ELY 35 SF, U/T RE	ADINGS	ARE
SATISFACTORY.	SEE	DRAWII	٧G										
RECOMMENDED RECOMMEND SH			LEAN	ENTIRE BIL	GE POC	KET	TO BARE	META	AL, PRESI	ERVE AND) PAINT APPROXIN	MATELY 3	35 SF.
SSPORT C221 PC	OC: B.	WILLIA	MS (7	757) 396-40	01 EXT	218	6, TPOC:	C. BU	СК				
CSMP SUMMAR PAINT SEPARA ROOT CAUSE/AMP	TION		OCKE	T FROM BH	ID (172	-180) HAS SU	JRFAC	CE RUST	AND	TEST# MRC 1102/1 STEP#		
H1	LIFICA	TION:									1,2,3,4 & 5		
SYSTEM LEVEL IMI	PACT:												
PART NO.				NOMEMCI	ATURE				QTY	NSN			COST
1													
2													
3													
4													
5													
6													
FIRST CONTACT McNEIL		RAT HTC			OND CC	NTA	CT		RATE HTC	P	HONE		
ASSESSOR / ACT / J. LaROCK/ T. IL		ID#		I			TD		TL	LOGI	STICIAN		TSP

USS TAYLOR (FFG-50) FIRE PUMP ROOM (4-172-1-E) BILGE AREA

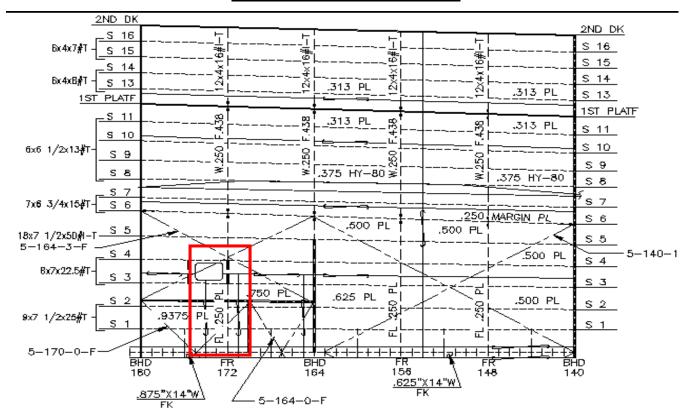


BILGE POCKET AT BHD (172), U/T READINGS WERE SATISFACTORY SEE DRAWING



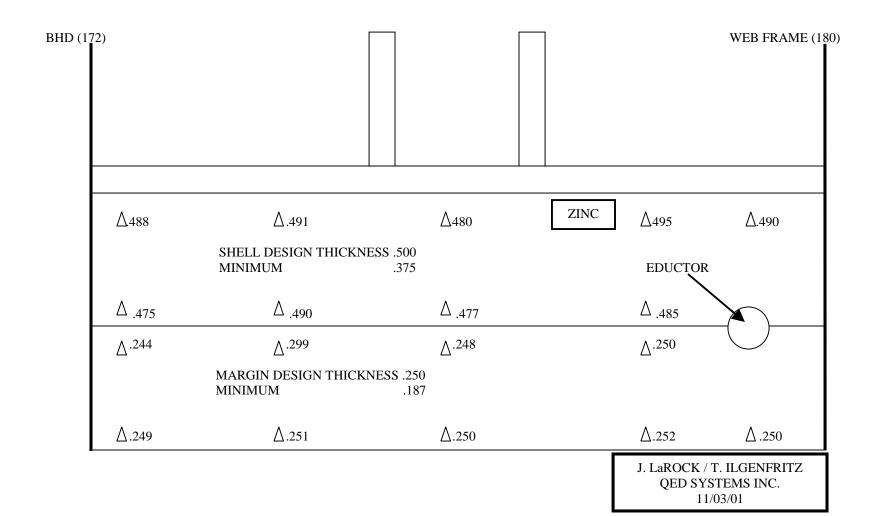
BILGE POCKET AT BHD (180)

USS TAYLOR (FFG-50) FIRE PUMP ROOM (4-172-1-E)



FIRE PUMP ROOM (4-172-1-E) RED BOX INDICATES AREA. SEE DRAWING ON FOLLOWING PAGE

USS TAYLOR (FFG-50) FIRE PUMP ROOM (4-172-1-E) BILGE AREA



MATERIAL ASSESSMENT FORM

ITEM NUMBER USS TAYLOR (FFG-50)														
SYSTEM SUPPORTU	NC CTDI	ICTUDE	110	ESWBS 11011		EIC	A100		APL			RIN	V	
SHELL & SUPPORTII EQUIPMENT NAME	NG STRU	JCTURE	110	11011 IDENT/SERIAL			A100	LOCATI	ON		SYSTEMS PRK CENTER	JSN	N/L	
HULL STRUCTURE 1	102XY				N/A			2	I-160-0-Q	!	EMO4	A-	187	
EQUIPMENT STATUS			PROBLEM	M STATUS						CATEGOR	Y	<u> </u>	EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTO 3. TNA - TEST NOT ATTE! 4. TNC - TEST NOT COMP 5. NOB - EQUIPMENT NOT	MPTED LETED		2 3 4	. C - CORRECTED 1. A - AWAITING PARTS 1. T - AWAITING TECH AS 1. S - SHIP'S FORCE UNCORRECTED PROBLE		2. Z -		EL SAFETY NT SAFETY /ARE			4. D - DOWN 5. L - LIMITED		.9	
TYPEAVAILABILITY	WHI	EN TO BE		STATUS	IVIS	CAUS	SE				DEFERRAL REASON			
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	ACCOMPLISHED EPOT 1. IMMEDIATELY 1. OPERATIONA MA 2. PRIOR TO NEXT UNDERWAY 2. NON-OPERATIC ECH ASSIST 3. PIROR TO NEXT DEPLOYMENT 4. NOT APPLICABLE MIP'S FORCE DEPLOYMENT 4. NOT APPLICABLE ACCOMPLISHED 1. OPERATIONA 2. NON-OPERATION 3. REDUCED CAPA 4. NOT APPLICABLE 4. NOT APPLICABLE ACCOMPLISHED 1. OPERATIONA 4. NOT APPLICABLE 4. NOT APP			NAL	1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 6. INADEQUATE DESIGN 7. LACK OF FACILITIES/CAPABLE 7. NOT APPLICABLE 8. NOT APPLICABLE 9. LACK OF TECHNICAL DOCU. 10. OTHER OR NOT APPLICAB						N THIS EQUIPM EQUATE IN THIS RACTICAL TRAIN ABILITIES VF ACCOMPLISH AVAILABILITY WO	ENT S IING MENT		
MAN HRS EXPENDED 2		MAN HRS R		ig 00	COMP	LETED ACT	ION TAKE	N		S/I	MANHOURS	PRI	IORTY	
BHD (164-180) SEE DRAWING RECOMMENDED	AL DESCRI	IPMENT/SYSTEM IPTION: CE RUS	: PER	SEMAT II UNION HEAVY PAIN	2. MAI 3. MAI 4. CAN 5. MAI 6. NON DERWA	NTENANCE A NTENANCE A ICELLED - ICELLED - ICELLED - ICEL NTENANCE A IE OF THE AE ATER HU ARATIC	ACTION CO ACTION CO ACTION CO BERTAL WA ACTION CO BOVE, DES BLL AS BN. AF	MPLETED: MPLETED: VILL BE REN MPLETED: CRIBE IN R SSESSI PPROX	NO PARTS REO IOVED FROM CI 3-M CAPABILIT EMARKS/DESCI MENT: PC IMATELY	ITS NOT DRAWN UIRED SMP Y UTILIZED RIPTION SECTIO DRT SIDE, / 45 SF, L		OOM BILGE	ACTORY	
SSPORT C221 PO CSMP SUMMAI PORT BILGE POOR ROOT CAUSE/AMP	RY: CKET I	HAS HE		<u> </u>		2186, T	POC:	C. BUC	CK		TEST# MRC 1102/1 STEP#			
H1 SYSTEM LEVEL IM	ΡΔΟΤ:										1,2,3,4 & 5			
5								16		li .		16		
PART NO.				NOMEMCLA	TURE				QTY	NSN			COST	
1														
2														
3														
4														
5														
6														
FIRST CONTACT	,	RAT			ND CON	NTACT			RATE	F	HONE			
McNEIL ASSESSOR / ACT /	/ TECLI	HTC	ડ	AMAD	UR		TD		TL	100	STICIAN	1	TSP	
J. LaROCK/ T. IL			D SY	STEMS INC.			ם ו		1 L	LOG	STICIAN		IJF	

USS TAYLOR (FFG-50) CHT ROOM (4-160-0-Q) PORT SIDE



PORT SIDE BILGE POCKET, FWD OF WF (172). U/T READINGS IN THIS AREA WERE SATISFACTORY. SEE DRAWING.



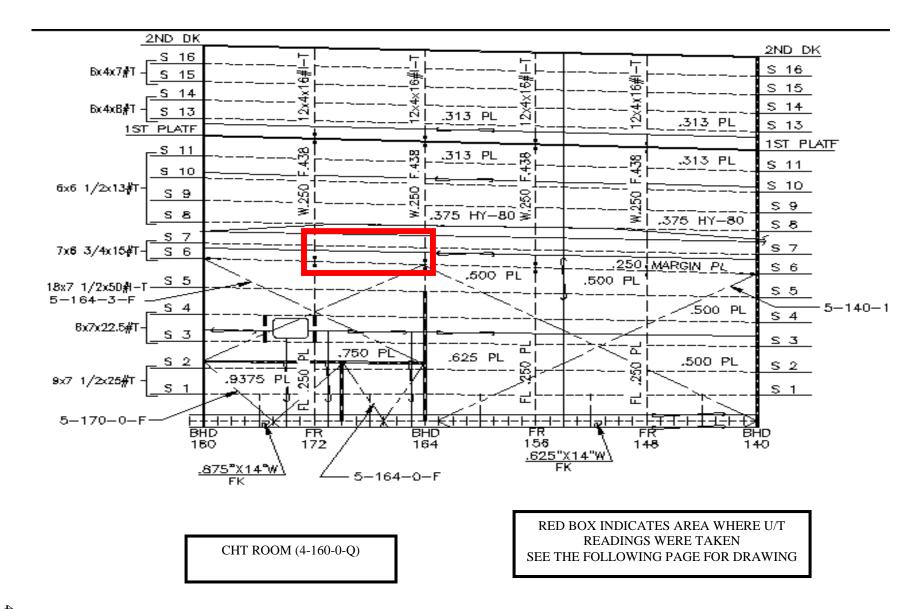
PORT SIDE EDUCTOR AT BHD (180).

USS TAYLOR (FFG-50) CHT ROOM (4-160-0-Q) PORT SIDE

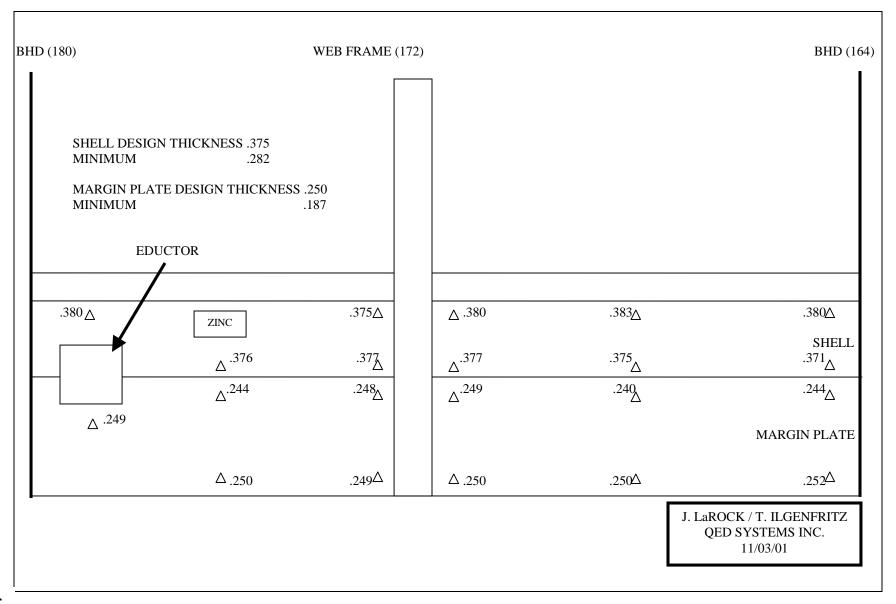


PORT SIDE BILGE POCKET AT BHD (164) POOR BONDING AND MOISTURE CAUSE PAINT SEPARATION, U/T READINGS WERE SATISFACTORY.

USS TAYLOR (FFG-50) CHT ROOM (4-160-0-Q)



USS TAYLOR (FFG-50) CHT ROOM (4-160-0-Q) PORT SIDE BILGE POCKET



MATERIAL ASSESSMENT FORM

ITEM NUMBER		USS TAYLOR (FFG-50)										
SYSTEM SHELL & SUPPORT	ING ST	RUCTURE	110 Es	swвs 11011	EIG	A100		APL	X-S	YSTEMS	RIN	N/L
EQUIPMENT NAME HULL STRUCTURE 1	1102XY	,		IDENT/SERIAL	N/A		LOCAT	ion 4-140-0-Q	WOR	k center EMO4	JSN A-1	90
EQUIPMENT STATUS			PROBLEM S	TATUS					CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFAC 3. TNA - TEST NOT ATTI 4. TNC - TEST NOT CON 5. NOB - EQUIPMENT NO	TORY EMPTED MPLETED	ARD	2. A 3. T 4.S -	- CORRECTED - AWAITING PARTS - AWAITING TECH AS - SHIP'S FORCE CORRECTED PROBLEMS	SIST*	1. S - PERSON 2. Z - EQUIPM 3. H – HARD	ENT SAFET			4. D - DOWN 5. L - LIMITED		.9
TYPEAVAILABILITY	١	WHEN TO BE		STATUS		CAUSE				DEFERRAL REASON		1
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	ACCOMPLISHED 1. IMMEDIATELY 1. OPERATIONAL 2. PRIOR TO NEXT UNDERWAY 3. PROR TO NEXT UNDERWAY 3. PROR TO NEXT DEPLOYMENT 4. NOT APPLICABLE					2. MANFACTUF 3. LACK OF KN 4. COMMUNIC, 5. INADEQUAT 6. INADEQUAT 7.NORMAL W	1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEOUATE INSTRUCTION/PROCEDURE 6. INADEOUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 1. STANDEOUATE DESIGN 7. NORMAL WEAR AND TEAR 9. LACK OF FACILITIES/CAPABILIT 1. S/F BACKLOG/OPERATIONAL PRIORT 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQU 4. FORMAL TRAINING INADEQUATE IN EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TR 6. LACK OF FACILITIES/CAPABILIT 7. NOT AUTHORIZED FOR S/F ACCOMPL 1. STANDEOUATE SCHOOL PRACTICAL TR 6. LACK OF FACILITIES/CAPABILIT 1. ST 9. LACK OF TECHNICAL DOCUMENTATIO 10. OTHER OR NOT APPLICABLE					NG JENT
MAN HRS EXPENDED MAN HRS REMAINING COMPLETED ACTION TAKEN S/F MANHOURS									PRIC	NDTV.		
2 1000						3/11	MANHOURS	PRIC	JRTY			
1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: REQUIRED OF PARTS REQUIRED 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL 4. DESI								INDATORY SENTIAL GHLY SIRABLE SIRABLE				
	DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: PORT SIDE (4-140-0-Q) LAUNDRY											
WEB FRAME (160) IS HOLED WHERE IT MEETS THE SHELL AND MARGIN PLATE. ENTIRE BILGE POCKET INCLUDING												
SODA STOREROOM HAS RUST AND HEAVY PAINT SEPARATION, APPROXIMATELY 80 SF. THERE IS NO WAY TO EDUCT WATER FROM BILGE POCKET. WEB FRAME (160) SEPARATES THE LAUNDRY FROM THE CHT ROOM. U/T READINGS FOR THE												
							LAUNL	JRY FROM	THE CH	ROOM. U/I READIN	GS F	ORTHE
SHELL AND MA							VC EDE	E ELIEL OIL	LVNING (E	-164-2-F), (5-140-2-F).	CLIT (TIT
										NKS CLEAN ENTIRE B		
AREA TO BARE								L/IIC ILOI L	70 111 17	IIII OLLI III LIVI III D	ILUL	TOOKET
7.11.12.71.70 27.11.12		12/11120		10 17			<u>. </u>					
SSPORT C221 F	POC: I	B. WILLI	AMS (75	7) 396-4001	EXT 213	30, TPOC:	C. BU	CK				
CSMP SUMMAR WEB FRAME (1		S HOLED	WHERE	IT MEETS SH	ELL AN	D MARGIN	I PLAT	E.		TEST# MRC 1102/1		
ROOT CAUSE/AM H1	PLIFIC	CATION:								STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IN	ИРАСТ	·:										
PART NO.	-			NOMEMCLATU	JRE			QTY	NSN		(COST
1												
2												
3												
4												
5												
6												
FIRST CONTAC McNEIL		RA'		SECONI AMADO		ACT		RATE HTC		IONE	-	
	ASSESSOR / ACT / TECH ID# TD TL LOGISTICIAN TSP J. Larock/ T. Ilgenfritz Qed systems inc.											

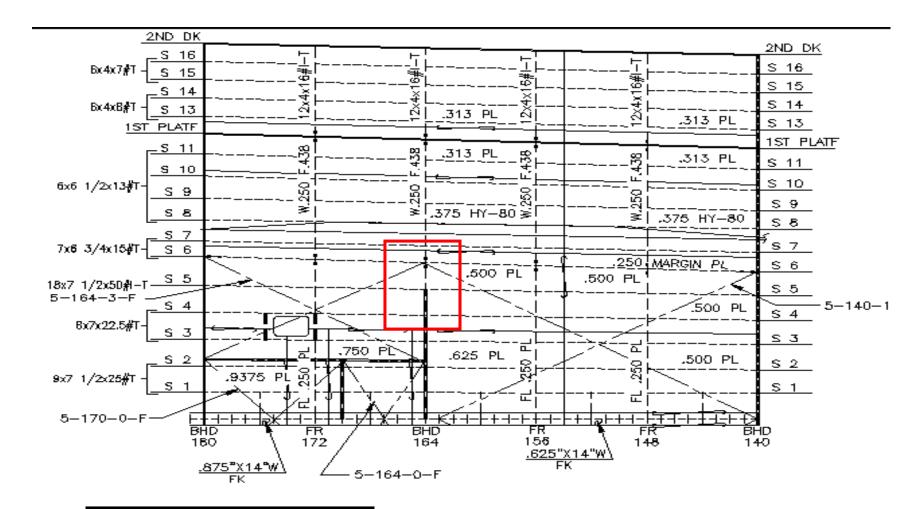
USS TAYLOR (FFG-50) LAUNDRY (4-140-0-Q) PORT SIDE BILGE



WEB FRAME (160) WHERE IT MEETS SHELL AND MARGIN PLATE IS HOLED. WATER IS TRAPPED IN THE BILGE POCKET. WEB FRAME (160) SEPARATES THE LAUNDRY AND THE CHT ROOM.

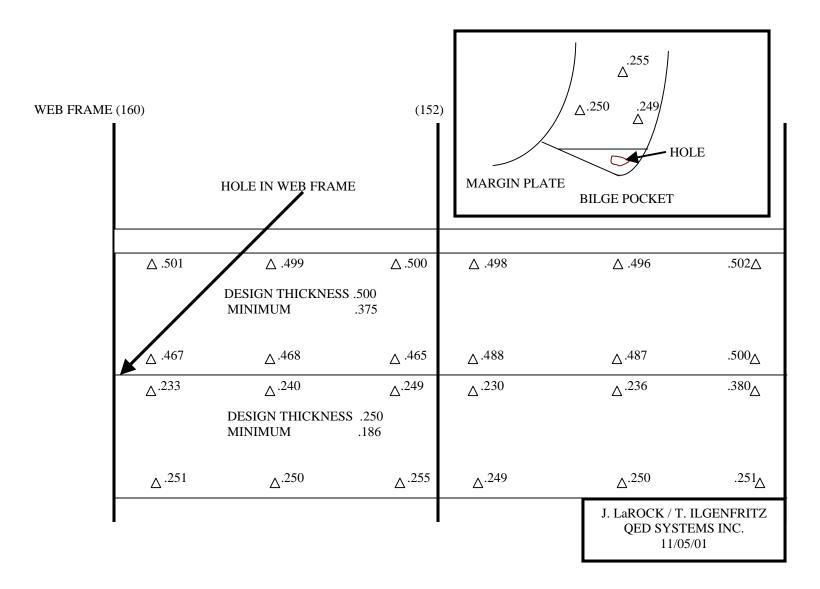


USS TAYLOR (FFG-50) LAUNDRY ROOM (4-140-0-Q)



RED BOX INDICATES LOCATION OFAREA. SEE FOLLOWING PAGE FOR DRAWING.

USS TAYLOR (FFG-50) LAUNDRY (4-140-0-Q) PORT SIDE



MATERIAL ASSESSMENT FORM

ITEM NUMBER								SHIP			
									USS TAYLOR (F	FG-50)	
SYSTEM SHELL & SUPPORTING S	STRUCTURE	110	11011	EIG	c A100		APL	X-:	SYSTEMS	RIN	N/L
EQUIPMENT NAME HULL STRUCTURE 1102)	ΥY		IDENT/SERIAL	N/A		LOCAT	ion 4-100-0-E	WO	RK CENTER EMO4	JSN A-	188
EQUIPMENT STATUS		PROBLEM	STATUS			<u> </u>		CATEGORY	,		EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTE: 4. TNC - TEST NOT COMPLETE 5. NOB - EQUIPMENT NOT ONB	D	2. 4 3. 4.5	C - CORRECTED A - AWAITING PARTS T - AWAITING TECH ASSI S - SHIP'S FORCE NCORRECTED PROBLEMS	ST*	1. S - PERSONN 2. Z - EQUIPME 3. H – HARDV	NT SAFET			4. D - DOWN 5. L - LIMITED		.9
TYPEAVAILABILITY	WHEN TO BE	"	STATUS		CAUSE DEFERRAL REASON						<u> </u>
ACCOMPLISHED 1. OPERATIO 1. OPERATIO 2. IMA 2. PRIOR TO NEXT UNDERWAY 3. TECH ASSIST 3. PIROR TO NEXT 3. PI			OPERATIONAL NON-OPERATIONAL REDUCED CAPABIL NOT APPLICABLE		1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 1. STEPP STATE S					THIS EQUIPME WATE IN THIS CTICAL TRAIN BILITIES ACCOMPLISHI MILABILITY WO MENTATION	ENT ING MENT
MAN HRS EXPENDED 2	MAN HRS	REMAINING 10		COMPLET	ED ACTION TAKE	EN		S/F	MANHOURS	PRI	ORTY
1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 3. HIGHL								IIGHLY ESIRABLE			
STBD BILGE POCKE											Γ.
RECOMMENDED RE	_	PUMP W	ATER OUT OF	BILGE	POCKET, (CLEAN	, PRESERV	/E AND F	PAINT APPROXIMAT	ELY 20	SF
SSPORT C221 POC:	B. WILLI	AMS (7	57) 396-4001	EXT 218	B6, TPOC:	C. BU	CK				
CSMP SUMMARY POWER CABLES	=	RGED	IN STBD BI	LGE P	OCKET,	LIGH	T CORRO	OSION	TEST# MRC 1102/1		
ROOT CAUSE/AMPLIF H1	ICATION:								STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IMPAC	CT:										
PART NO.			NOMEMCLATU	JRE			QTY	NSN			COST
1											
2											
3											
4											
5											
6											
FIRST CONTACT McNEIL	RA [*] HT		SECONI AMADO		ACT		RATE HTC	P	HONE		
ASSESSOR / ACT / TECH ID# J. LaROCK / T. ILGENFRITZ QED SYSTEMS INC.							TL	LOGI			

<u>USS TAYLOR (FFG-50)</u> <u>APU MACHINERY ROOM (4-100-0-E)</u>



STARBOARD SIDE, BILGE POCKET BETWEEN APU POWER PANEL AND BHD (100) BILGE POCKET IS FULL OF WATER AND POWER CABLES ARE SUBMERGED.



SUBMERGED POWER CABLES IN STARBOARD BILGE POCKET.

MATERIAL ASSESSMENT FORM

ITEM NUMBER							5	SHIP			
									USS TAYLOR (FI		
SYSTEM SHELL & SUPPORTI	NG STRUCTURE	110	ESWBS 11011	EIG	c A100		APL	X-9	SYSTEMS	RII	N N/L
EQUIPMENT NAME HULL STRUCTURE 1	102XV	'	IDENT/SERIAL	N/A		LOCA	тюн 4-48-1-Q	WOF	K CENTER EMO4	JSI A	v 185
HOLE STRUCTURE T	102/1			IV/A			4-40-1-Q		EIVIO4	A	100
EQUIPMENT STATUS		PROBLEM	STATUS					CATEGORY		·	EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACT			C - CORRECTED A - AWAITING PARTS		1. S - PERSONN 2. Z - EQUIPME				4. D - DOWN 5. L - LIMITED		
3. TNA - TEST NOT ATTE 4. TNC - TEST NOT COM	MPTED	3.	T - AWAITING TECH ASSI S - SHIP'S FORCE	ST*	3. H – HARDV						.9
5. NOB - EQUIPMENT NOT TYPEAVAILABILITY	T ONBOARD WHEN TO BE		NCORRECTED PROBLEMS STATUS		CAUSE						
1. DEPOT	ACCOMPLISHED 1. IMMEDIATEL		1. OPERATIONAL		CAUSE DEFERRAL REASON 1. ABNORMAL ENVIRONMENT 1. S/F BACKLOG/OPERATIC						DTV
2. IMA	2. PRIOR TO NE		2. NON-OPERATIONAL		ABNORWAL ENVIRONMENT AMNEATURER/INSTALLATION DEFECTS LACK OF KNOWLEDGE 3. LACK OF KNOWLEDGE 3. NO FORMAL TRAINING ON THE						
3. TECH ASSIST	UNDERWAY	-71	3. REDUCED CAPABIL		4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 5. INADEQUATE INSTRUCTION/PROCEDURE 6. COMMUNICATION PROBLEMS 6. INADEQUATE INSTRUCTION/PROCEDURE 6. COMMUNICATION PROBLEMS 6. ROPERING INSTRUCTION/PROCEDURE 6. COMMUNICATION PROBLEMS 6. ROPERING INSTRUCTION/PROCEDURE 6. ROPERING INSTRUCTION/PROCEDURE 6. ROPERING INSTRUCTION/PROCEDURE						S
4. SHIP'S FORCE	3.PIROR TO NE DEPLOYMENT	XT	4. NOT APPLICABLE		6. INADEQUATI 7.NORMAL W	E DESIGN			INADEQUATE SCHOOL PRACE LACK OF FACILITIES/CAPAB	TICAL TRAIN	NING
5. SFWL	4. DURING POST 8. NOT APPLICABLE						7. NOT AUTHORIZED FOR S/F 8. FOR S/F OVERHAUL OR AVA	ACCOMPLISE			
	DEPLOYMENT AVAILABILITY						LIST 9. LACK OF TECHNICAL DOCUM				
									10. OTHER OR NOT APPLICABL	.E	
MAN HRS EXPENDED 2	MAN HRS	REMAINING 20		COMPLETI	ED ACTION TAKE	EN		S/F	MANHOURS	PR	IORTY
SAFETY HAZARD:	S COON AS DOSSIDI						: PARTS DRAWN FR		DOM CURRIN		MANDATORY
1. SERIOUS - CORRECT A 2. SERIOUS - SUSPENSIO	ON OF EQUIPMENT/S	YSTEM/SPA	CE REQUIRED	MAINTER	NANCE ACTION CO	MPLETED	: REQUIRED PARTS : NO PARTS REQUIRED PARTS	RED	ROM SUPPLY	3.	ESSENTIAL HIGHLY
3. SERIOUS - WAVIER OF 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATER	!	IVI		MAINTER	NANCE ACTION CO	MPLETED	EMOVED FROM CSMF 3: 3-M CAPABILITY U	TILIZED			DESTRABLE DESTRABLE
		N: PER S	EMAT II UNDE				REMARKS/DESCRIP		ONAR COOLING ROOM	<u> </u>	
									APPROXIMATELY 48		GHT
CORROSION WA											
RECOMMENDED											
									ELY 48 SF. CLEAN		
	IOVALS TO BAF	RE META	L, PRIME AND P	AINT WI	TH ANTI-SV	VEAT	COATING. R	EPLACEN	ENT OF LAGGING IS	NOT	
RECOMMENDED											
SSPORT C221 P	OC: P WILLI	AN/S (7)	57) 206 4001	EVT 210	PA TDOC:	C DI	ICK				
33F0K1 0221 F	OC. B. WILLI	AIVIS (7.	37) 370-4001	LXI ZIC	JO, TFOC.	С. БС	OK				
CSMP SUMMA	RY:								TEST#		
SATURATED LA	GGING ON SE	HELL PL	ATE / LIGHT C	ORROS	ION.				MRC 1102/1		
ROOT CAUSE/AMP	PLIFICATION:								STEP#		
H1	ADA OT								1,2,3,4 & 5		
SYSTEM LEVEL IN	IPACT:										
PART NO.	-		NOMEMCLATU	JRE_			QTY	NSN			COST
1											
2											
3											
4											
5								1			
6 FIRST CONTACT	RA	TE	SECONI		ACT		DATE		JONE		
McNEIL	HT		AMADO		AC I		RATE HTC		HONE		
ASSESSOR / ACT / TECH ID#						TL	LOGIS	STICIAN		TSP	
J. LaROCK/ T. I		ED SYS	TEMS INC.								

<u>USS TAYLOR (FFG-50)</u> SONAR COOLING ROOM (4-48-1-Q)



SATURATED LAGGING FROM DECK UP TO 3RD STRINGER. REMOVAL OF LAGGING FROM DECK TO 3RD STRIINGER, CLEANING TO BARE METAL, PRIMING AND PAINTING WITH ANTI-SWEAT PAINT IS HIGHLY RECOMMENDED. THIS IS A TYPICAL HIGH CORROSION AREA FOR (FFG-7) CLASS SHIPS. OTHER SHIPS IN THIS CLASS HAVE REMOVED LAGGING AND REDUCED CORROSION GREATLY.



FIRST STRINGER FROM DECK AT BHD (56)

MATERIAL ASSESSMENT FORM

ITEM NUMBER	USS TAYLOR (FFG-50)												
SYSTEM SHELL & SUPPORT	TING ST	RUCTURE	110 E	swbs 11011	EIC	: A100		APL	Х	-SYSTEMS	RI		
EQUIPMENT NAME HULL STRUCTURE	1102XY	,		IDENT/SERIAL	N/A		LOCATI	on 3-84-0-E		DRK CENTER EMO4	JSI A-	n ·189	
EQUIPMENT STATUS			PROBLEM S	TATUS			<u> </u>		CATEGOR	Y		EOC	
1. SAT - SATISFACTOR 2. UNSAT - UNSATISFAC 3. TNA - TEST NOT ATT 4. TNC - TEST NOT COD 5. NOB - EQUIPMENT NO	CTORY FEMPTED MPLETED	ıRD	2. A 3. T 4.S	- CORRECTED - AWAITING PARTS - AWAITING TECH AS - SHIP'S FORCE	SIST*	1. S - PERSONN 2. Z - EQUIPME 3. H – HARDV	NT SAFETY			4. D - DOWN 5. L - LIMITED		.9	
TYPEAVAILABILITY		WHEN TO BE ACCOMPLISHED)	STATUS		CAUSE				DEFERRAL REASON			
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	DEPOT 1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY TECH ASSIST 3. PIROR TO NEXT DEPLOYMENT 4. NOT APPLICABLE					1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 1. S/F BACKLOG/OPERATIONAL P 2. LACK OF MATERIAL 3. NO FORMAL TRAINING INADEQUA EQUIPMENT 5. INADEQUATE SCHOOL PRACTI 6. LACK OF FACILITIES/CAPA 7. NOT ANTHORIZED FOR S/F AC 8. FOR S/F OVERHAUL OR AVAILA LIST 9. LACK OF TECHNICAL DOCUME 10. OTHER OR NOT APPLICABLE						S NING HMENT	
MAN HRS EXPENDED MAN HRS REMAINING COMPLETED ACTION TAKEN 2 1000							S/	F MANHOURS	PR	IORTY			
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL 1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FF 2. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSM 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIBE.							RTS NOT DRAWI JUIRED SMP Y UTILIZED		2. l 3.	MANDATORY ESSENTIAL HIGHLY DESIRABLE DESIRABLE			
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: A/C MACHINERY ROOM (3-84-0-E)													
CORROSION AND LIGHT THINNING WAS NOTED AROUND A/C PLANT. THE PROXIMITY OF THE A/C PLANT, BHD (100) AND													
PORT SIDE SHELL PREVENTS SHIPS FORCE FROM MAINTAINING AREA.													
										Y REMOVE PIPING STEEL, PERFORM LEA			
7110 1711111													
SSPORT C221	POC: I	3. WILLI	AMS (75	57) 396-4001	EXT 213	0, TPOC:	C. BU	CK					
CSMP SUMMAF TANK TOP /		K HAS I	MINOR	THINNING A	AND C	ORROSIO	ON.			TEST# MRC 1102/1			
ROOT CAUSE/AN H1										STEP# 1,2,3,4 & 5			
SYSTEM LEVEL II	MPACT	:											
PART NO.				NOMEMCLATU	JRE			QTY	NSN			COST	
1													
2													
3													
4													
5													
6		4											
FIRST CONTAC McNEIL		RA HT		SECONE AMADO		- I		RATE HTC		PHONE	11-		
ASSESSOR / ACT / TECH ID# J. Larock/ T. Ilgenfritz QED Systems Inc.							TL	LOG	ISTICIAN		TSP		

<u>USS TAYLOR (FFG-50)</u> A/C MACHINERY ROOM (3-84-0-E)

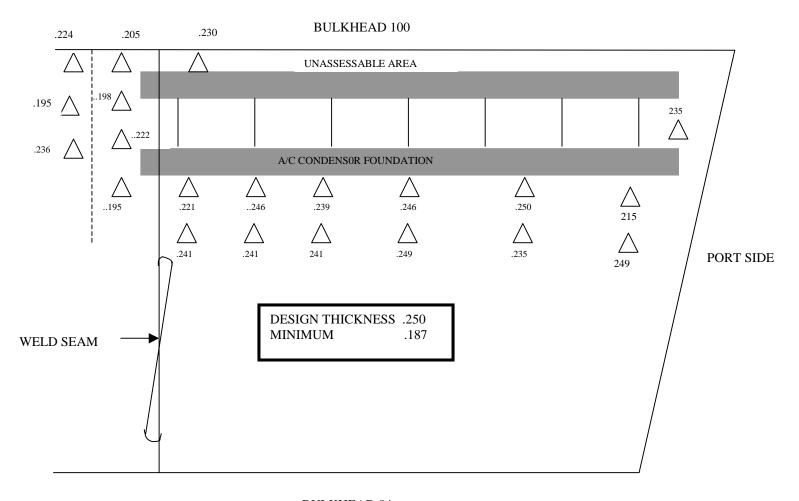


TANK TOP / DECK INBOARD OF A/C PLANT. MINOR THINNING WAS NOTED. THIS IS A COMMON AREA FOR CORROSION ON (FFG-7) CLASS SHIPS.



TANK TOP / DECK AND BHD (100) BETWEEN A/C PLANT AND PORT SHELL. BECAUSE THE A/C PLANT IS SO CLOSE TO BHD (100) AND THE PORT SIDE SHELL PROPER MAINTENANCE IS IMPOSSIBLE.

USS TAYLOR (FFG-50) A/C MACHINERY ROOM (3-84-0-E) PORT SIDE



BULKHEAD 84

J. LAROCK / T.ILGENFRITZ QED SYSTEMS INC. 11/04/01

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
3RD DECK					
3-20-0-Q	N	N	Y		SPACE REQUIRES GAS FREE
3-32-2-A	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-32-1-K	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-36-1-A	Y	Y	Y		
3-36-2-T	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-40-2-A	Y	Y	Y		
3-46-1-A	Y	Y	Y		
3-48-2-A	Y	Y	Y		
3-53-2-A	Y	Y	Y		
3-56-0-A	Y	Y	Y		
3-64-2-V	NOT DURING SHIP CHECK	N	Y		SPACE REQUIRES GAS FREE
3-64-1-V	NOT DURING SHIP CHECK	N	Y		SPACE REQUIRES GAS FREE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
3RD DECK					
3-84-0-E	Y	Y	Y	FRS 94-100 STBD SIDE SHELL, DECK TO OVERHEAD	ACCESSIBLE HIDDEN LAGGED 100% (100% OF PORT SIDE SHELL ASSESSABLE)
					ACCESSIBLE HIDDEN LAGGED 100% (NOT ACCESSIBLE AREA - STBD FWD BHD 84 TO FRAME 93, 5'-6" OFF DECK ELECT PANELS)
3-93-1-Q	Y	Υ	Y		ACCESSIBLE LAGGING 100% STBD SIDE
3-100-0-L	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (NOT ACCESSIBLE AREA PORT AND STBD FROM FRAME 115 TO AFT BHD 140, 6' 3" OFF DECK - BUNKS)
3-100-1-L	Y	Y	Y		LAGGING 100% AND SS 50% (SS INSTALLED 49" OFF DECK, FRAME 100 TO 113)
3-113-0-L	Y	Y	Y	FR 113- 124, STBD SIDE OF SHELL, DECK TO OVERHEAD	LAGGING 100% AND SS 50% (SS INSTALLED 49" OFF DECK, FRAME 113 TO 123)
3-140-2-L	Y	Y	Y		LAGGING 100% AND SS 50% (SS INSTALLED 49" OFF DECK, FRAME 140 TO 155)

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
3RD DECK					
3-140-1-L	Y	Y	Y		LAGGING 100% AND SS 50% (SS INSTALLED 49" OFF DECK, FRAMES 140 TO 155)
3-144-0-L	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (NOT ACCESSIBLE AREA, PORT & STBD FRAME 165 TO 180, 6'3" OFF DECK BUNKS)
3-156-2-Q	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF PORT SIDE SHELL ASSESSABLE)
3-154-1-Q	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-180-2-C	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-180-5-A	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-196-2-A	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-236-1-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-236-2-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-240-1-F	Y	N	Y		SPACE REQUIRES GAS FREE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
3RD DECK					
3-240-2-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-272-2-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-272-1-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-278-1-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-278-2-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-286-2-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-286-1-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-292-8-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-316-1-Ј	Y	N	Y		SPACE REQUIRES GAS FREE
3-322-1-Ј	Y	N	Y		SPACE REQUIRES GAS FREE
3-328-0-A	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
4TH DECK					
4-H-0-V	Y	N	Y		SPACE REQUIRES GAS FREE
4-20-0-W	Y	N	Y		SPACE REQUIRES GAS FREE
4-27-0-V	N	N	Y		SPACE REQUIRES GAS FREE FR 27 FR 32 P/S FROM 3' UP 26' 4 1/16
4-32-0-Q	Y	N	Y		
4-48-2-L	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
4-48-1-Q	Y	Y	Y	FR 49-55 STBD SIDE OF SHELL, 4'-0' OFF DECK	ACCESSIBLE HIDDEN LAGGED 100% (NOT ACCESSIBLE AREA FRAME 50 TO AFT BHD 56, 4'-0' OFF DECK HEATEX & PPG)
4-56-2-A	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
4-56-0-M	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
4TH DECK					
4-64-0-Q	Y	N	Y		
4-100-0-E	Y	Y	Y	FR 100-101 STBD SIDE OF SHELL 6'BELOW GRATING	ACCESSIBLE HIDDEN LAGGED 100% (100% OF PORT & STBD SHELL ASSESSABLE)
4-100-0-Q	Y	Y	Y	TANK TOP FOR 5-140 & 5-164-2F	STAINLESS STEEL 100% (100% OF PORT SIDE SHELL ASSESSABLE)
4-140-0-Q	Y	Y	Y		100% ASSESSABLE
4-140-3-A	Y	N	Y		ACCESSIBLE HIDDEN LAGGED 100%(100% OF SHELL ASSESSABLE)
4-152-1-A	Y	N	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
4-160-0-Q	Y	N	Y		100% OF PORT AND STBD SHELL ASSESSABLE
4-172-1-E	Y	Y	Y	FR 174-180 STBD OF SHELL 6" BELOW GRATING BETWEEN L7- L9	100% OF PORT & STBD SHELL ASSESSABLE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
5-FF-0-V	N	N	N		INACCESSIBLE VOID FR 18 - FR 32, P/S. FROM STEM UP 4FT. FR 5 - FR 18, P/S. FROM STEM UP ~6FT; FR E - 12, P/S. FROM STEM UP ~10FT
5-32-0-W	N	N	Y		SPACE REQUIRES GAS FREE
5-51-0-Q	Y	N	Y		100% OF PORT & STBD SHELL ASSESSABLE
5-56-0-F	N	N	Y		SPACE REQUIRES GAS FREE
5-64-0-F	N	N	Y		SPACE REQUIRES GAS FREE
5-84-2-F	N	N	N		SPACE REQUIRES GAS FREE
5-84-1-F	N	N	N		SPACE REQUIRES GAS FREE
5-100-2-W	N	N	И		SPACE REQUIRES GAS FREE
5-100-1-W	N	N	И		SPACE REQUIRES GAS FREE
5-100-4-F	N	N	Y		SPACE REQUIRES GAS FREE
5-100-3-F	N	N	Y		SPACE REQUIRES GAS FREE
5-116-2-F	N	N	Y		SPACE REQUIRES GAS FREE
5-116-1-F	N	N	Y		SPACE REQUIRES GAS FREE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
51/2-116-0-V	N	N	N		INACCESSIBLE VOID FR 116 - FR 132, P/S FROM KEEL UP ~4FT
5-132-0-F	N	N	N		SPACE REQUIRES GAS FREE
5-137-1-Т	N	N	N		SPACE REQUIRES GAS FREE
5-140-2-F	N	N	N		SPACE REQUIRES GAS FREE
5-140-1-F	N	N	N		SPACE REQUIRES GAS FREE
5-164-0-F	N	N	N		SPACE REQUIRES GAS FREE
5-164-2-F	N	N	N		SPACE REQUIRES GAS FREE
5-164-1-F	N	N	N		SPACE REQUIRES GAS FREE
5-170-0-F	N	N	N		SPACE REQUIRES GAS FREE
5-180-0-E	Y	Y	Y	PORT 15'-0"	SHELL NON-ASSESSABLE ON PORT SIDE FRAME 180 TO 195, FRAME 204 TO 212, OVERHEAD TO BILGE, TANK & FND
5-180-01-E	Y	Y	Y		100% OF STBD SHELL ASSESSABLE
5-192-2-F	N	N	Y		SPACE REQUIRES GAS FREE
5-201-1-F	N	N	Y		SPACE REQUIRES GAS FREE
5-201-3-F	N	N	Y		SPACE REQUIRES GAS FREE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
5-204-2-F	N	N	N		SPACE REQUIRES GAS FREE
5-204-1-F	N	N	N		SPACE REQUIRES GAS FREE
5-212-0-E(UL)	Y	Y	Y	PORT SIDE OF SHELL,	ACCESSIBLE HIDDEN LAGGED UPPER LEVEL. (NOT ACCESSIBLE AREA, PORT SIDE FRAME 220 TO 224, 5'-0" OFF U/L GRATING VOLTAGE REGULATOR)
5-212-0-E(LL)	Y				ASSESSABLE HIDDEN, LAGGED LOWER LEVEL, ACCESSIBLE AREA PORT FRAME 212 TO 228, L10 TO BILGE AREA, STBD FRAME 212 TO 228 L8 TO BILGE AREA. (NOT ACCESSIBLE AREA - PORT & STBD FRAME 228 TO 250, FROM U/L TO BILGE AREA FUEL OIL HEATER)
5-220-2-W	N	N	N		SPACE REQUIRES GAS FREE
5-222-1-F	N	N	N		SPACE REQUIRES GAS FREE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
NOMBER	ADDEDUADLE	ON BIID		nor bror	
<u>5TH DECK</u>					
5-226-2-E	Y	Y	Y		SHELL NON-ASSESSABLE
					FRAME 225 TO 229,
					4'-2" OFF U/L
					GRATING, FRAME 235
					TO 250, 6'-3" OFF
					U/L GRATING - AIR
					FLASK, MANIFOLD &
					FUEL TANK
5-226-1-E	Y	Y	Y		SHELL NON-ASSESSABLE
					FRAME 225 TO 229,
					4'-2" OFF U/L
					GRATING, FRAME 235
					TO 250, 6'-3" OFF
					U/L GRATING, AIR
					FLASK, MANIFOLD &
- 0-0 0 -				TD 051 050	FUEL TANK
5-250-0-E	Y	Y			LAGGED EXCEPT FOR
				PORT SIDE	BILGE AREA, AT 18"
				OF SHELL TOP OF LO	ABOVE GRATING INTO
				TANK TOP	BILGE AREA, (SHELL NON-ASSESSABLE ON
				TANK TOP	PORT 1'-0" AFT OF
					FRAME 270 TO FRAME
					292, FROM 5'-0" OFF
					GRATING, STBD FRAME
					265 TO 270 FROM 1'-
					0" FROM OVERHEAD TO
					6" BELOW GRATING,
					14" AFT OF FRAME 270
					TO 273, 5'-0" OFF
					GRATING POWER
					PANELS)

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
5-250-0-E (CONT'D)	Y	Y	Y	FR 250 PORT SIDE OF SHELL, BETWEEN L9-L12	
5-250-O-E (CONT'D)	Y	Y	Y	FR 258-264 STBD SIDE OF SHELL, BETWEEN L9-L12	
5-250-1-F	N	N	N		SPACE REQUIRES GAS FREE
5-250-2-F	N	N	N		SPACE REQUIRES GAS FREE
5-270-0-F	N	N	N		SPACE REQUIRES GAS FREE
5-276-0-F	N	N	N		SPACE REQUIRES GAS FREE
5-290-2-F	N	N	N		SPACE REQUIRES GAS FREE
5-292-0-E	Y	Y	Y	FR 316-328 PORT SIDE OF SHELL BETWEEN L5-L9	ACCESSIBLE HIDDEN LAGGED, ASSESSABLE AREA PORT FRAME 292 TO 318, DK GRATING TO OVERHEAD (SHELL NON-ASSESSABLE ON PORT FRAME 318 TO 328, 2'-0" FROM GRATING TO OVERHEAD OF SPACE, STBD FRAME 292 TO 300, 3'-0" OFF GRATING

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
5-292-0-E	Y	Y	Y		TO OVERHEAD, FRAME
(CONT'D)					305 TO 308, 3'-0" OFF
					GRATING TO OVERHEAD,
					FRAME 313 TO 328,6'-
				L9	3" OFF GRATING & POWER PANELS
5-292-0-E			Y	FR 292-328	
(CONT'D)				PORT SIDE	
				OF SHELL	
				BETWEEN L1-	
				L3	
5-292-1-W	N	N	N		SPACE REQUIRES GAS
					FREE
5-292-2-W	N	N	N		SPACE REQUIRES GAS
					FREE
5-292-3-W	N	N	N		SPACE REQUIRES GAS
					FREE
5-308-2-W	N	N	N		SPACE REQUIRES GAS
					FREE
5-308-1-W	N	N	N		SPACE REQUIRES GAS
					FREE
5-328-0-J	N	N	N		SPACE REQUIRES GAS
		_	·-		FREE
5-328-2-W	N	N	N		SPACE REQUIRES GAS
			_1		FREE
				l	

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
5-328-1-W	N	N	N		SPACE REQUIRES GAS FREE
5-344-0-J	N	N	N		SPACE REQUIRES GAS FREE
5-368-0-V	N	N	N		SPACE REQUIRES GAS FREE
5-386-0-V	N	N	N		INACCESSIBLE VOID FRAME 386 TO 392, P/S, FROM KEEL UP ~2FT; FRAME 392 TO 400, S, FROM KEEL UP ~2FT; FRAME 400 TO 408 P/S FROM KEEL UP ~2FT
5-392-0-V	N	N	N		SPACE REQUIRES GAS FREE
5-368-0-E	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
5-376-1-A	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)